NEW YORK UNIVERSITY BULLETIN

WASHINGTON SQUARE

COLLEGE

ANNOUNCEMENTS
FOR THE YEAR

1915 - - 1916

EXPLANATION OF COURSE NUMBERS

Odd numbers indicate first term courses. Even numbers indicate second term courses. (*e. g.* English 43–44, first and second terms.)

Courses numbered 1 to 100 indicate undergraduate courses.

Courses numbered 100 to 200 indicate graduate courses which are open only to graduates and *seniors*.

CONTENTS

CALENDAR, 1915–1916

THE WASHINGTON SQUARE COLLEGE

FACULTY, 1915–1916

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    Acting Registrar of the University,   Washington Square.

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EUPHEMIA I. BANTA, B.A.,
    Recorder,   Washington Square.

COMMITTEES, 1915–1916

Admission—PROFESSORS THORNE, KOHL AND THE SECRETARY.
Scholarship—PROFESSORS WOODMAN, KOHL AND BINDER.
Discipline—PROFESSORS SHAW, WILDMAN AND WHYTE.
Curriculum—PROFESSORS BOUTON, BRISTOL, HORNE, HOTCHKISS,
    WILDMAN, JONES, WHYTE AND THE SECRETARY.

The Acting Dean is a member, *ex-officio*, of all Committees.

WASHINGTON SQUARE COLLEGE

HISTORY

The Washington Square College was organized on December 22, 1913, by resolution of the Council of the University. This action was the final step in the establishment at Washington Square of work of a collegiate grade, similar to that offered by the University College of Arts and Pure Science at University Heights. Such collegiate instruction had previously been under the direction of the Washington Square Collegiate Division. This division was established in 1903 to meet the needs of many teachers and other professional men and women who desired to complete a college education.

At first only the equivalent of the Junior and Senior years was offered; but, as time went on, it became necessary to extend the work to include courses of Sophomore grade. Later, it became apparent that to meet the increasing demands for higher education made by students of mature years who were engaged in various professional pursuits and who desired additional training either in the fundamental cultural work of the college or in advanced vocational study, it would be necessary to still further extend the courses offered in the Collegiate Division by adding the Freshman year, and establishing a regularly organized college.

No important changes were made in the organization of the Collegiate Division until the end of the scholastic year, 1913–1914. No arrangements already made with students affecting courses, credit, degrees, and other matters will be changed without the consent of the students. The Faculty reserves the right to terminate such arrangements, however, in the case of students who do not complete the work for the degree within a reasonable time.

PURPOSE

The Washington Square College aims to meet the needs of three fairly distinct classes of students:

(1) Students who have had vocational or professional training, as for example, Normal School graduates, graduates of Law

Schools, Schools of Commerce, Medical Colleges, Theological Seminaries, etc., who desire further cultural training and a baccalaureate degree.

(2) Students who desire a regularly organized college course comprising two years of cultural training combined with two years of vocational training.

(3) Students, especially mature men and women engaged in gainful occupations, who desire a collegiate course similar to that given in a College of Arts of recognized standing.

For the benefit of all three classes of students, courses are offered in the late afternoon and on Saturday.

LOCATION

The University Building at Washington Square is situated near the center of the metropolitan district, and is very accessible from every part of Greater New York and eastern New Jersey. It is easily reached from the Eighth or Bleecker Street Stations on the Sixth Avenue Elevated, and from the Ninth Street Station on the Third Avenue Elevated, while the Broadway cars and the Brooklyn cars on Eighth Street pass within a few hundred feet of the University entrance on Waverly Place. The Astor Place Station of the subway is within three minutes' walk, and the Hudson tunnel station at Ninth Street is only a few blocks distant.

GENERAL ANNOUNCEMENTS

Registration, Matriculation and Enrollment

Each student is required to register with the Secretary of the College at the beginning of the fall term. The registration days in 1915 will be September 20–25, inclusive. Students desiring to register after October 9, will be charged an additional fee of $5.00 for late registration.

Each student is required to make out a matriculant's card and to pay a $5.00 matriculation fee.

At the beginning of the year, each student is required to make out an enrollment card, showing the courses which he plans to take during the year. Students desiring to drop courses or to change from one course to another, must obtain the approval of the instructor or instructors concerned and must notify the Secretary in

writing. Unless such notice is given, students will be held responsible for all courses which appear on their enrollment cards.

Students will not be permitted to enroll for courses given during the first term, later than October 16, nor for courses offered during the second term, later than February 12.

No student will be registered, matriculated, or enrolled, until he has presented credentials showing that he is entitled to admission to the Washington Square College.

Special Advisors

The work of each student, after he has chosen his Major, will be under the general supervision of the head of the Department in which the Major is taken. The head of that Department will act as an advisor to the students majoring in his division and his approval of the courses which the students desire to take must be obtained. These advisors will be assigned immediately after the student has notified the Secretary in writing of his choice of a Major.

Employment and Vocational Guidance

All students who enroll in vocational courses in the Washington Square College may elect to take a course in Vocational Guidance. In the first part of this course, the various occupations, commercial, professional and others, will be considered in detail from the point of view of their advantages and disadvantages as life occupations, the qualities and training necessary for success in them. Students will then be requested to choose occupations which they would like to enter and an effort will be made to find employment for them in business houses, law offices, insurance companies, newspaper offices, etc., according to the occupation chosen. Students who are thus employed will be under the supervision of the instructor in charge of the course in Vocational Guidance, with whom frequent conferences will be held. In this way it is expected that students not only will become largely self-supporting while in college, but will also obtain a systematic, practical training that will be useful to them in their future work.

Fees

Matriculation fee (paid once only) $5.00

Fee for Instruction and Examination:

For a two-point (one-hour), course, per year $15.00

For a four-point (two-hour), course, per year........ 25.00

For a six-point (three-hour), course, per year 37.50

Laboratory fee in Biology, Anatomy and Physiology..... 5.00

Laboratory fee in Chemistry......................... *10.00

Deposit in Laboratory Chemistry (to be returned upon the

surrender of apparatus and the payment of breakage) .. *2.00

Graduation and Diploma Fee.......................... 10.00

Fee for Special Examination.......................... 5.00

For students taking courses amounting to twenty-six points and not over thirty-two points, the fee for instruction is $160.00 for the year. An additional charge at the rate of $10.00 per two points will be made for courses in excess of thirty-two points.

All fees are to be paid to the Bursar of the University, who will then stamp the cards of admission, which are attached to the enrollment blank. These cards must then be presented by the student to the instructor before credit will be given for attendance. One half of the tuition fees for the year must be paid on or before October 15, and the other half on or before February 15. When the total amount of fees does not exceed $25.00, the whole amount must be paid by October 15.

Term Reports and Examinations

At the end of each term, a statement will be sent to each student notifying him of the results of his examinations; and at the end of each year, there will be sent, in addition to the report on examinations, a statement of the work which remains to be completed for the degree. Unless notice to the contrary is received from the student within a reasonable time after such term reports have been sent out, it will be assumed that they are correct and no changes will be made.

Examinations will be held at the end of each term, the last week in the first term and the last two weeks in the second term being set aside for that purpose. Students who fail in an examination may take one re-examination without charge. For each additional re-examination, the student will be required to pay a special fee of $5.00.

*The laboratory fee is $20 and the deposit $5 in the case of students taking courses offered by the Graduate School.

Regulations Governing Scholarship

The attention of students is called to the following rules on scholarship which go into effect in September, 1915.

1. Enrollment is prerequisite for credit for attendance in any course. After the close of the regular enrollment period of each term, no regular or special student may attend the exercises of any class in which he is not enrolled. This rule does not apply to auditors, who may enroll within one month after the close of the regular enrollment period, provided the consent of the instructor is obtained.

Unless subsequently excused by vote of the Scholarship Committee, regular and special students are accountable for all courses listed upon their enrollment cards at the close of the enrollment period. Failure to observe this rule will result in a grade of F.

2. Students are graded in each course according to the work accomplished in the regular exercises and the result of an examination held at the end of each term.

3. Students are marked: A (excellent); B (very good); C (fair); D (lowest passing mark); E (for a condition that may be removed by re-examination); F (for a condition that may be removed only by repeating the course in class.)

Grades of E are changed to F if the condition be not removed within one year from the time when the condition was received, provided the student be in continuous attendance. Where the student is not in continuous attendance, two years may be allowed.

4. Regular examinations for the removal of conditions will be held:

(a) During the period for entrance examinations in the fall term. All students having outstanding conditions at the beginning of the college year are urged to report for the regular condition examinations in September.

(b) During the regular examination period at the end of the academic year. The student must make application to the instructor in each of the courses in which a condition was received in order to secure this condition examination.

Special examinations other than the above for the removal of conditions will be granted only in extraordinary cases by faculty action.

The result of such special examination will not be recorded until the next regular condition examination period.

The preceding paragraph does not apply to conditions incurred by seniors at the end of their last term.

5. Any course required for the degree, if not taken, has the force of a condition.

6. In case of a conflict in hours arising through conditions or deficiencies, the student must first complete the courses in which he is conditioned or deficient.

7. Students who have more than 20 per cent. of unexcused absences will be barred from examinations. Excuses for absence must be sent in writing to the office of the Secretary.

ADMISSION

General Statement

Women are admitted to all courses in the Washington Square College as candidates for degrees under the same conditions and on the same terms as men.

An applicant for admission to the Washington Square College must be at least 16 years of age. Inasmuch, however, as one of the principal objects of the College is to offer the advantages of a college education to mature men and women engaged in gainful occupations, the Faculty reserves the right, in case the College cannot accommodate all those who apply, to refuse admission to applicants under 21 years of age who are not thus engaged.

*Requirements for Admission**

The requirements for admission are stated in terms of units. The term *unit* means the equivalent of five recitations periods a week for one school year, each period to be not less than forty minutes long.

*For requirements for admission in the case of graduates of Normal Schools, Training Schools, School of Commerce, etc., see p. 32.

The following 5 units are required of all students:

English,	3 units.
Algebra,	1 "
Plane Geometry,	1 "
Total,	5 units.

Students desiring the degree of Bachelor of Arts must offer for entrance the following units:

English,	3 units.
Algebra,	1 "
Plane Geometry,	1 "
Classical Languages,	4 "
Total,	9 units.

The remainder of the 15 units must be made up from subjects listed below:

Latin...............	4	Algebra (Advanced)....	$\frac{1}{2}$
Greek...............	3	Solid Geometry........	$\frac{1}{2}$
Elementary German	2	Trigonometry.........	$\frac{1}{2}$
Intermediate German ...	1	Physics..............	1
Elementary French	2	Chemistry	1
Intermediate French....	1	Botany.............. $\frac{1}{2}$ or 1	
Spanish..............	3	Zoölogy.............. $\frac{1}{2}$ or 1	
Italian..............	3	Geography...........	1
History..............	1 or 2	Drawing.............	1
Algebra, a, ii—Quadratics, etc..............	$\frac{1}{2}$		

Commercial and Vocational subjects, not to exceed three units, may be offered as electives.

Detailed definitions, showing what is included under each of the above subjects will be found on page 18, under the heading "Definition of Requirements."

Evidence of the completion of this work may be given by the candidate in any one of the following ways:

1. By Certificate of an Approved School.—Graduates from approved secondary schools may be admitted to the Washington

Square College upon certificate, without examinations, subject
to the following conditions: 1. The application for the admission
of a student by certificate must be specific in character, stating that
the student has attended the school at least one year, and has com-
pleted at least fifteen units of secondary school work. Blank forms
of certificate for this purpose will be furnished by the University
upon application. 2. The University does not bind itself to accept
beyond the current year the certificate of any school in place of
examinations, but will continue to accept certificates from those
schools which shall have sent to the University students thoroughly
prepared, as proved by their standing after admission.

2. By Certificate of the College Entrance Examination Board.—
The College Entrance Examination Board is an association of
colleges and secondary schools formed to conduct uniform college
entrance examinations at numerous points throughout the country.
New York University is a member of the association and will admit
to Washington Square College students who present a certificate
showing that they have passed the Board's examinations in the
subjects prescribed by the University for entrance. The Board
holds examinations at University Heights in June of each year. All
applications for this examination must be addressed to the Secretary
of the College Entrance Examination Board, Post Office Sub-
station 84, New York City, N. Y., and must be made upon a blank
form to be obtained from the Secretary of the Board upon appli-
cation. Applications for this examination must be received by
the Secretary of the Board at least two weeks in advance of the
examination. An examination fee of $5 is charged of all candi-
dates; and students who enter the Washington Square College on
the Board's certificate, having paid the Board's fee for examination,
are exempted from payment of the University matriculation fee.
For further information regarding these examinations, and a com-
plete list of the places where they are held, address the Secretary of
the Board, Thomas S. Fiske, Ph.D., Sub-station 84, New York
City.

3. By Entrance Examinations of New York University.—No en-
trance examinations will be held by the University in June in view
of the examinations held at the University at that time under the
direction of the College Entrance Board. The University will

hold examinations in the subjects prescribed for entrance September 13–17, 1915, and January 24–28, 1916, at Washington Square, as follows:

	9:30–11:30	1:30–3:30	3:45–5:45
Mon., Sept. 13, 1915 Jan. 24, 1916	Algebra	History— Mediaeval and Mod.	Physics Botany and Zoölogy
Tues.,Sept. 14, 1915 Jan. 25, 1916	Geometry— Plane and Sol.	History— Anc. and Eng.	El. German Greek
Wed., Sept. 15, 1915 Jan. 26, 1916	Latin, 2d yr. Trigonometry	El. French	Int. German Spanish Latin—Gram. and El. Prose
Thurs.,Sept.16,1915 Jan. 27, 1916	Latin, Cicero Drawing Adv. Algebra	Latin, Virgil	Int. French Greek—Gram. and El. Prose
Fri., Sept. 17, 1915 Jan. 28, 1916	English 1 (Gram. and Comp.)	English 2 (Literature)	Chemistry Physiography Greek, Iliad

Students may take a part of the examinations as "preliminaries" a year before entrance, but no student will be examined who does not submit a certificate of preparedness for examination in the subject in which the candidate offers himself, from the school last attended.

4. By Diploma of the Regents of the State of New York.—The academic diploma of the Regents will be accepted in satisfaction of the requirements for entrance, when such diploma covers the subjects required for admission to the Washington Square College.

5. By Certificate from another College.—A letter from a college maintaining requirements for admission equal to those of the University, stating that the candidate has been admitted to the Freshman class of that institution and is honorably dismissed in order to enter another college, will be accepted in satisfaction of the requirements for entrance.

DEFINITION OF REQUIREMENTS

English

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

Grammar and Composition
One and one-half units

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

Literature
One and one-half units

The second object is sought by means of two lists of books, headed respectively READING and STUDY, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

A. Reading

The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections—each selection is set off by semicolon—are to be made, except as otherwise provided under Group I.

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XII, XIV, XV, XVII, XXI; Virgil's *Æneid*. The *Odyssey*, *Iliad*, and *Æneid* should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

II. Shakespeare's *Midsummer Night's Dream; Merchant of Venice; As You Like It; Twelfth Night; The Tempest; Romeo and Juliet; King John; Richard II; Richard III; Henry V; Coriolanus; Julius Cæsar; Macbeth; Hamlet* (the last three only if not chosen for study under B).

III. Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress, Part I;* Swift's *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe's *Robinson Crusoe, Part I;* Goldsmith's *Vicar of Wakefield;* Frances Burney's *Evelina;* Scott's Novels (any one); Jane Austen's Novels (any one); Maria Edgeworth's *Castle Rackrent,* or *The Absentee;* Dickens' Novels (any one); Thackeray's Novels (any one); George Eliot's Novels (any one); Mrs. Gaskell's *Cranford;* Kingsley's *Westward Ho!* or *Hereward, the Wake;* Reade's *The Cloister and the Hearth;* Blackmore's *Lorna Doone;* Hughes' *Tom Brown's Schooldays;* Stevenson's *Treasure Island,* or *Kidnapped,* or *Master of Ballantrae;* Cooper's Novels (any one); Poe's *Selected Tales;* Hawthorne's *The House of the Seven Gables,* or *Twice Told Tales,* or *Mosses from an Old Manse;* a collection of *Short Stories* by various standard writers.

IV. Addison and Steele's *Sir Roger de Coverley Papers*, or Selections from the *Tatler* and *Spectator* (about 200 pages); Selections from Boswell's *Life of Johnson* (about 200 pages); Franklin's *Autobiography;* Irving's *Life of Goldsmith*, or Selections from the *Sketch Book* (about 200 pages); Southey's *Life of Nelson;* Selections from Lamb's *Essays of Elia* (about 100 pages); Selections from Lockhart's *Life of Scott* (about 200 pages); Thackeray's Lectures on *Swift*, *Addison*, and *Steele* in the *English Humorists;* any one of Macaulay's Essays on *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederic the Great*, *Madame d'Arblay;* Selections from Trevelyan's *Life of Macaulay* (about 200 pages); Ruskin's *Sesame and Lilies*, or *Selections* (about 150 pages); Dana's *Two Years before the Mast;* Selections from Lincoln's Speeches, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman's *The Oregon Trail;* Thoreau's *Walden;* Lowell's *Selected Essays* (about 150 pages); Holmes' *Autocrat of the Breakfast Table;* Stevenson's *An Inland Voyage* and *Travels with a Donkey;* Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk;* a collection of *Essays* by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers; a collection of *Letters* by various standard writers.

V. Palgrave's *Golden Treasury (First Series)*, *Books II and III*, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury (First Series)*, *Book IV*, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith's *The Traveller* and *The Deserted Village;* Pope's *The Rape of the Lock;* a collection of English and Scottish *Ballads*, as, for example, some *Robin Hood* ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge's *The Ancient Mariner*, *Christabel*, and *Kubla Khan;* Byron's *Childe Harold*, *Canto III or IV*, and *The Prisoner of Chillon;* Scott's *The Lady of the Lake*, or *Marmion;* Macaulay's *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry;* Tennyson's *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur;* Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix; Home Thoughts from Abroad*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, *"De Gustibus"—, Instans Tyrannus;* Arnold's *Sohrab and Rustum*, and *The Forsaken Merman;* Selections from *American Poetry*, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. Study.   This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions.   The books provided for study are arranged in four groups, from each of which one selection is to be made.

I. Shakespeare's *Julius Cæsar*, or *Macbeth*, or *Hamlet*.

II. Milton's *L'Allegro, Il Penseroso*, and either *Comus* or *Lycidas;* Tennyson's *The Coming of Arthur, The Holy Grail*, and *The Passing of Arthur;* the selections from Wordsworth, Keats, and Shelley in *Book IV* of Palgrave's *Golden Treasury (First Series)*.

III. Burke's *Speech on Conciliation with America;* Macaulay's Two *Speeches on Copyright*, and Lincoln's *Speech at Cooper Union;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

IV. Carlyle's *Essay on Burns*, with a selection from Burn's *Poems;* Macaulay's *Life of Johnson;* Emerson's *Essay on Manners*.

Examination

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling or other essentials of good usage.

The examination will be divided into two parts:

1. Grammar and Composition

In grammar and composition, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English, which one should know in distinction from current errors.   The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading.   For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections.   He will not be expected to write more than four hundred words per hour.

2. Literature

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined above under *A.* READING. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but the books named in this list will not be made the basis of detailed questions.

B. A test on the books prescribed under *B.* STUDY, above, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

Either part of the examination may be taken separately.

History

(*a*) Ancient history, with special reference to Greek and Roman history and including also a short introductory study of the more ancient nations and the chief events of the early Middle Ages, down to the death of Charlemagne (814).

(*b*) Mediæval and modern European history, from the death of Charlemagne to the present time.

(*c*) English history.

(*d*) American history and civil government.

Latin

I. AMOUNT AND RANGE OF THE READING REQUIRED.

    i. The Latin reading, without regard to the prescription of particular authors and works, shall not be less in amount than Cæsar, Gallic War, I–IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Virgil, Æneid, I–IV.

    ii. The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero

(orations, letters, and De Senectute), and Sallust (Catiline and Jugurthine War); Virgil (Bucolics, Georgics, and Æneid), and Ovid (Metamorphoses, Fasti, and Tristia).

II. SCOPE OF THE EXAMINATIONS.

   i. TRANSLATION AT SIGHT: Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

   ii. PRESCRIBED READING. Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Virgil, Æneid, I, II, and either IV or VI, at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both parts of the paper, or they will not be given credit for either part.

   iii. GRAMMAR AND COMPOSITION: The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and all the ordinary syntax and vocabulary, of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

Greek

a. i. GREEK GRAMMAR: The topics for examination in Greek grammar are similar to those detailed under Latin grammar.

   ii. ELEMENTARY PROSE COMPOSITION, consisting principally of detached sentences to test the candidate's knowledge of grammatical constructions.

   The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

b. XENOPHON: The first three books of the *Anabasis*.

c. HOMER: The first three books of the *Iliad* (omitting II, 494 to end), and the Homeric constructions, forms and prosody.

French

a. THE ELEMENTARY REQUIREMENT
THE AIM OF THE INSTRUCTION

At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life, or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar, as defined below.

THE WORK TO BE DONE

During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

b. The Intermediate Requirement

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

THE WORK TO BE DONE

This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic forms; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

German

a. The Elementary Requirement

THE AIM OF THE INSTRUCTION

At the end of the elementary course in German the pupil should be able to read at sight, and to translate a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of everyday life or based upon the text given for translation, and to answer questions upon the rudiments of grammar, as defined below.

THE WORK TO BE DONE

During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, (4) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories

and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read, and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

b. The Intermediate Requirement

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

THE WORK TO BE DONE

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

Spanish

At the end of the elementary course the pupil should be able to pronounce Spanish accurately, to read at sight easy Spanish prose, to put into Spanish simple English sentences taken from the language of everyday life or based upon a portion of the Spanish text read, and to answer questions on the rudiments of the grammar,

Mathematics

a.   ELEMENTARY ALGEBRA:

    i.   ALGEBRA TO QUADRATICS: The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring. Fractions, including complex fractions, ratio and proportion. Linear equations, both numerical and literal, containing one or more unknown quantities. Problems depending on linear equations. Radicals, including the extraction of the square root of polynomials and of numbers. Exponents, including the fractional and negative.

    ii.   QUADRATICS AND BEYOND: Quadratic equations, both numerical and literal. Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations. Problems depending on quadratic equations. The binomial theorem for positive integral exponents. The formulas for the nth term and the sum of the terms of arithmetical and geometric progressions, with applications. It is assumed that pupils will be required throughout the course to solve numerous problems which involve the putting of questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

b.   ADVANCED ALGEBRA: Permutations and combinations, limited to simple cases. Complex numbers, with graphical representations of sums and differences. Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations. Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes' rule of signs and Horner's method, but not Sturm's functions or multiple roots.

c.   PLANE GEOMETRY: The usual theorems and constructions of good text-books, including the general properties of plane

rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle. The solution of numerous original exercises, including loci problems. Applications to the mensuration of lines and plane surfaces.

d   SOLID GEOMETRY: The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle. The solution of numerous original exercises, including loci problems. Applications to the mensuration of surface and solids.

e.   TRIGONOMETRY: Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles. Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas. Solution of trigonometric equations of a simple character. Theory and use of logarithms (without the introduction of work involving infinite series). The solution of right and oblique triangles, and practical applications, including the solution of right spherical triangles.

Physics

The course of instruction in physics should include:

a.   The study of one standard text-book, for the purpose of obtaining a connected and comprehensive view of the subject. The student should be given opportunity and encouragement to consult other scientific literature.

b.   Instruction by lecture-table demonstrations, to be used mainly for illustration of the facts and phenomena of physics in their qualitative aspects and in their practical applications.

c.   Individual laboratory work consisting of experiments requiring at least the time of thirty double periods, two hours in the laboratory to be counted as equivalent to one hour

of class-room work. The experiments performed by each student should number at least thirty. The work should be distributed so as to give a wide range of observation and practice.

At the time of the examination the candidate must present a note-book in which he has recorded the steps and the results of his laboratory exercises, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. It should contain an index of the exercises which it describes. It is practicable for pupils to make the original record of their observations entirely presentable, so that copying will be unnecessary, and they should in general be required to do so. This note-book will be returned at any time within a year at the request of the candidate.

A list of suitable experiments in physics is contained in the definitions of the requirements published by the College Entrance Board.

Chemistry

It is recommended that the candidate's preparation in chemistry should include:

(1) Individual laboratory work, comprising at least forty exercises selected from a list of sixty or more.

(2) Instruction by lecture-table demonstrations to be used mainly as a basis for questioning upon the general principles involved in the pupil's laboratory investigations.

(3) The study of at least one standard text-book, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws of elementary chemistry.

Geography

The entrance requirements consist of (1) a study of one of the leading secondary text-books on Physical Geography; (2) individual laboratory work, comprising at least forty exercises covering the general subject as outlined below. From one-third to one-half the class-room work should be devoted to this. Field trips in spring and autumn should replace about eight of the laboratory exercises. The time required for the subject should be at least four hours per week throughout a high school year.

A syllabus of the course to be covered is given in the pamphlet on the general subject of College Entrance Requirements issued by the College Entrance Examination Board. In general it is as follows: The Earth as a Globe (Mathematical Geography); The Ocean (including shoreline development) and The Atmosphere, as in most standard text-books; The Land, including changes now in progress, rivers and their cycles, glaciers and the forms produced by them, and the elements of land forms with the history of their development—plains, plateaus and mountains; finishing with a brief study of the relation of life, including man, to geographic environment.

The percentage of time required in studying the different subdivisions may be mathematical geography and the ocean each 12½, the atmosphere 30, and the land 45.

Botany

The full year's course consists of two parts:

PART I. The general principles of: (*a*) Anatomy and morphology; (*b*) Physiology; (*c*) Ecology.

PART II. The natural history of the plant groups, and classification.

Zoölogy

A syllabus of the course to be covered is given in the pamphlet on the general subject of College Entrance Requirements issued by the College Entrance Examination Board.

Drawing

The preparation of the candidate should include freehand drawing of simple geometrical plane and solid figures and simple pieces of machinery, with a fair knowledge of the rules of perspective and light and shade as applied in freehand drawing. The candidate should be able to reproduce from a flat copy with enlargement or reduction of size. He should also be able to copy still life and simple plant forms.

ADVANCED CREDIT

Students may receive advanced credit toward a degree for work taken in approved Normal Schools, Schools of Commerce, Law, Medicine or Theological Seminaries, and in other colleges of approved standing.   Credit will also be given for certain courses taken in New York University Summer School and in the summer schools of other universities.

Normal Schools

Graduates of normal schools or training schools approved by the State Department of Education in New York will receive at least one year of advanced credit, making the course for them not more than three years in length.

Additional advanced credit may be allowed to students who have completed in the normal school or training school the equivalent of more than one year of cultural study of collegiate grade.   Courses thus credited will be accepted as free electives and not as the equivalent of required courses.

In each case, students will be required to present a detailed statement showing the specific courses which have been pursued.

Completion of Courses in Other Colleges of Recognized Standing

Students from other institutions who have pursued college courses equivalent to courses in the University will be granted advanced standing upon presentation of official transcripts of their records and certificates of honorable dismissal.

Summer Schools

Credit will be given to regularly matriculated and enrolled students for courses completed in the New York University Summer School and other summer schools when those courses are equivalent to courses given in the Washington Square College.   Students who plan to use summer school courses for credit in Washington Square College are urged to consult with the Secretary of that College in order that there may be no misunderstanding as to the credit that will be allowed.   Ordinarily, not more than four hours

(8 points) of credit will be given for work taken in a single summer session. In all cases where credit for courses taken in summer schools is desired, a certificate signed by the director of that summer school will be required.

Special Students

Students who satisfy the regular admission requirements, but who do not desire to take the prescribed course leading to a degree, may enroll as special students, and take the courses that meet their particular needs.

Auditors

Students at least 21 years of age, who present less than 15 units of credit for entrance, may be admitted to the Washington Square College as auditors, and may take a limited number of courses upon obtaining permission from the instructors in charge. Such students will receive no credit toward the degree for courses taken before they have satisfied the requirements for entrance.

REQUIREMENTS FOR DEGREES

The Washington Square College requires the completion of 128 points of credit for graduation. A point is the credit given for the successful completion of a course which requires one hour of class-room attendance a week for one semester. It is expected that students will arrange their work in such a way that they will require not more than eight calender years for the completion of the 128 points required for the degree. The Faculty reserves the right, where this period is exceeded, to impose special requirements upon the students. At least one year's work, 32 points, must be taken in the University.

Degrees are granted for the completion of Section A, Section B, Section C or Section D. The degrees offered are the following: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Pedagogy.

Majors and Minors

Each student is required to complete in addition to the required courses, one Major and either one or two Minors depending upon the section in which he enrolls. A Major will consist of 20 points and a Minor 12 points in sequential arrangement or definite correlation in any of the fields of study enumerated under Cultural or Vocational Groups. Students who elect their work in *Section A or C* must choose their Majors and Minors from *Cultural Group I, II, or III*. Students who elect their work in *Section B* must choose their Majors and Minors from *Vocational Group I, II, III, IV, or V*. Students who elect their work in Section D must choose their Major from *Vocational Group V* and their Minor from *Cultural Group I, II or III*. The choice of the Major and the Minors must be made in writing and submitted to the Secretary of the College before the student has completed 64 points. Blanks for this purpose may be had upon application at the office of the Secretary. No credit toward the Major or Minor will be allowed until the student has completed the prescribed courses demanded by the section in which he has enrolled.

No credit toward the completion of any Major or Minor will be allowed for the following courses:

(a) Elementary courses in any language, including the second year of study in French or German.

(b) Elementary courses in Mathematics, English Composition, Chemistry and Physics.

A student who completes his Major in any year prior to that of his graduation will be required to elect in each remaining year of his enrollment at least one course in the field in which the Major has been taken.

Free Electives

Courses which are not taken as required courses or as part of the Major or Minor sequences will be credited as free electives. In the absence of special provision to the contrary any courses offered by the Washington Square College not already credited for admission or advanced standing will be accepted as free electives.

SECTION A

This Section is designed for students who desire a four-year cultural course similar to that given in the ordinary college of arts.

Required Courses

(a) English Composition, 4 points.
  History of English Literature, 4 "
  European History, 4 "
  English History
     or 4 "
  United States History,
  Mathematics, 4 "
  An Exact Science, 4 "
  A Natural Science, 4 "
  Philosophy, 4 "

   Total, 32 points.

NOTE.—These courses must be completed as part of the first 64 points.

(b) Four points of one modern foreign language in addition to three years of high school work in that language.

Majors and Minors

One Major and two Minors are required of students who enroll in Section A. Both Minors must be taken in a field of study other than that in which the Major is taken; and at least one of the Minors must be taken in a group other than that in which the Major is taken.

Majors and Minors may be chosen from the following groups:

CULTURAL GROUP I

Language and Literature

  Classical Languages.
  English.
  German.
  French.
  Italian.
  Spanish.

CULTURAL GROUP II

Social Science and Philosophy

> History.
> Political Science.
> Economics.
> Sociology.
> Philosophy.

CULTURAL GROUP III

Exact and Natural Science

> Mathematics.
> Exact Sciences. (Chemistry and Physics)
> Natural Sciences.

Degrees

The degree of Bachelor of Arts will be conferred upon students in Section A who have completed their Major in a field of study under Group I or II, provided they have presented for entrance 4 units in Latin, or in Latin and Greek, and have taken at least one year of Latin or Greek in College.

The degree of Bachelor of Science will be conferred upon all students who have taken their Major under Group III and upon those students who have taken their Major under Group I or II, but lack the 4 units in Latin or Greek for entrance.

SECTION B

This Section is designed for students who wish a regularly organized college course comprising two years of cultural training combined with two years of vocational training.

Required Courses

The following cultural courses are required of all students in Section B:

(a) History,	4	points.
Philosophy,	4	"
English,	4	"
Science,	4	"
Mathematics,	4	"
	—	
Total,	20	points.

Note.—These courses must be completed as part of the first 64 points.
(b) Four points of one modern foreign language in addition to three years
of high school work in that language.

Prerequisite Vocational Courses

Each student must complete 20 points in prerequisite courses.
The student will be required to take the prerequisite vocational
courses of the vocational group in which he intends to take his
Major, *e. g.*, a student who intends to Major in Accounting under
Vocational Group I (Commerce) will be required to take the pre-
scribed vocational courses of that group.

(For a list of the prerequisite courses under the different groups
see pages 38–41.)

Majors and Minors

One Major and one Minor will be required of students who enroll
in Section B. The Minor must be taken in the same Vocational
Group as that in which the Major is taken, but in a different field
of study. An exception is made in the case of students who desire
to take their vocational work in Law or in Pedagogy. In the case
of students specializing in Law, the Minor must be taken in one of
the fields of study under the Government Group; in the case of those
specializing in Pedagogy, the Minor may be taken in one of the
cultural subjects listed on pages 35–36.

Free Electives

Courses taken in addition to the prescribed cultural courses and
prerequisite vocational courses to complete the first 64 points must
be cultural. In completing the last 64 points, sufficient cultural
courses must be taken to bring the total amount of credit received
toward the degree for cultural courses up to at least 64 points.

Degrees

Students in Section B who have satisfied the requirements of
the section will receive the degree of Bachelor of Science.

The Vocational Groups open to students under Section B together with the prerequisite vocational courses to each group, are as follows:

VOCATIONAL GROUP I. COMMERCE

Vocational Group Director—DEAN JOSEPH FRENCH JOHNSON

Prerequisite courses

Principles of Accounting,	4 points.
Elements of Economics and Practical Economic Problems,	4 "
Elements of Private Finance Business,	4 "
English,	4 "
Commercial practice in the Law of Contracts and Agency,	4 "
Total,	20 points.

Major and Minor Sequences

Accounting.	Marketing.
Finance.	Trade and Transportation.
Management.	Sociology.
	Commercial Law.

Students who specialize in Vocational Group I may, by the proper selection of courses under the guidance of the Vocational Group Director, prepare for service in any one of the following fields:

Advertising.	Credits and Collections.
Banking.	Export and Import Trade.
Brokerage.	Insurance and Real Estate.
Business Management.	Merchandising.
Commercial Secretary.	Private Accounting.
Salesmanship.	Public Accounting.
Statistics.	Transportation.
Welfare Work.	

Majors in Accounting must be approved by Professor Wildman; in Finance by Professor Gerstenberg; in Management by Professor Galloway; in Marketing by Professor Hotchkiss; in Trade and Transportation by Professor Kennedy; in Sociology by Professor Binder; and in Commercial Law by Professor Bacon.

VOCATIONAL GROUP II. LAW

Vocational Group Director—PROF. FRANCIS W. AYMAR

Prerequisite Courses

Elementary Law,	4	points.
Elementary Constitutional Law,	4	"
Elementary International Law,	4	"
Roman Law,	4	"
Case Analysis,	4	"
Total,	20	points.

Major and Minor Sequences

The first and second years in the Law School (48 points) combined with one Minor in Government (12 points) plus 4 free elective points, will constitute the last half of the course for those who desire to specialize in Law.

NOTE.—Students desiring to take Law Preparatory must consult with and obtain the approval of Professor Aymar.

VOCATIONAL GROUP III. JOURNALISM

Vocational Group Director—PROF. JAMES M. LEE

Prerequisite Courses

News Writing,	4	points.
Magazine Writing and Special Feature Work,	4	"
Economics,	4	"
English Literature,	4	"
Business Psychology,	4	"
Total,	20	points.

Major and Minor Sequences

Newspaper Management.	Newspaper Editing and Writing.
Magazine Management.	Magazine Editing and Writing.

NOTE.—Students who specialize in Vocational Group III may, by the proper selection of courses under the guidance of the Vocational Group Director, prepare for service as any one of the following:

Reporter.	Circulation Manager.
Advertising Manager.	Advertising Solicitor.
Business Manager.	Editorial Writer.
Proof Reader.	Magazine Writer.
Editor.	Special Feature Writer.

Editor of Special Departments, such as Financial Editor, Literary Editor, Dramatic Editor, and City Editor.

NOTE.—Students desiring to Major in any one of the departments under Vocational Group III must obtain the approval of Professor Lee.

VOCATIONAL GROUP IV. GOVERNMENT

Vocational Group Director—PROF. JEREMIAH W. JENKS

Prerequisite Courses

Elementary Economics,	4	points.
Political Institutions,	4	"
Principles of Accounting,	4	"
Commercial Geography ⎫ or ⎬ Elementary Sociology, ⎭	4	"
Industrial History ⎫ or ⎬ American History, ⎭	4	"
	—	
Total,	20	points.

Major and Minor Sequences

Political Principles.	Federal and State Government.
International Relations.	Municipal Government.

NOTE.—Students who specialize in Vocational Group IV may, by the proper selection of courses under the guidance of the Vocational Group Director, prepare for service in any one of the following fields:

> Diplomatic Service.
> Consular Service.
> Federal and State Administrative Service.
> Service as City Manager.
> Municipal Civil Service.
> Public Service Commission.
> Civic Secretaryships.

NOTE.—Students desiring to Major in any of the departments under Vocational Group IV must obtain the approval of Professor Jenks, Director of the Division of Public Affairs.

VOCATIONAL GROUP V. PEDAGOGY

Vocational Group Director—Prof. Clayton C. Kohl

Prerequisite Courses

Psychology,	4 points.
Physiology,	4 "
Biology,	4 "
Sociology,	4 "
Logic,	4 "
Total,	20 points.

Major and Minor Sequences

Elementary Teaching.
Secondary Teaching,
   including teaching of Com-
   mercial Subjects.

Teaching of Delinquent and De-
   fective Children.
Home Economics.
Domestic Art.
Music.

Note.—Students who specialize in Vocational Group V may, by the proper selection of courses under the guidance of the Vocational Group Director, prepare for service in any one of the following fields:

Elementary school teaching.
Secondary school teaching.
Teaching of Delinquent and De-
   fective Children.

Supervision and teaching of
   Special Branches, such as Do-
   mestic Art, Home Economics,
   Music.
Teaching of commercial subjects.

Note.—Students desiring to major in any of the departments under Vocational Group V must obtain the approval of Professor Kohl.

SECTION C

This Section is designed for students who come to the University with vocational or professional training, and desire further cultural training.

Required Courses

(a) English Composition,	4	points.
History,	4	"
Mathematics,	4	"
An Exact Science,	4	"
A Natural Science,	4	"
	—	
Total,	20	points.

NOTE.—These courses must be completed before credit will be allowed toward a Major or Minor.

(b) Four points of one modern foreign language in addition to three years of high school work in that language.

Majors and Minors

Students in Section C must complete, in addition to the required courses, one Major. Students who enter the College with advanced credit must take the required courses not satisfied by their advanced credit before beginning their Major work.

Students in Section C who enter the College with advanced credit amounting to less than 64 points will be required to take 2 Minors. Students who present 64 points of advanced credit will be required to take only one Minor. Minors must be taken in a field of study other than that in which the Major is taken; and at least one of the Minors must be taken in a Group other than that in which the Major is taken. When only one Minor is required, it must be chosen from a Group other than that of the Major. Students must complete the required courses not satisfied by the advanced credit before credit toward the Minor will be given.

Free Electives

Courses which are not taken as required courses or as part of the Major and Minor sequences will be credited as free electives. Any courses offered by the Washington Square College not already credited will be accepted as free electives. Courses of collegiate grade offered for advanced credit which are not used to offset required courses will be accepted as free electives.

Majors and Minors must be chosen from the following groups:

CULTURAL GROUP I

Language and Literature

Classical Languages.
English.
German.
French.
Italian.
Spanish.

CULTURAL GROUP II

Social Science and Philosophy

History.
Political Science.
Economics.
Sociology.
Philosophy.

CULTURAL GROUP III

Exact and Natural Science

Mathematics.
Exact Sciences (Physics and Chemistry).
Natural Sciences.

Degrees

Students in Section C will be recommended for the degree of Bachelor of Arts or Bachelor of Science upon the same conditions as those stated in connection with Section A. See page 36.

SECTION D

DEPARTMENT OF EDUCATION

This Section is designed for graduates of Normal Schools and Training Schools who desire to specialize in Education. The course of study under this Section is conducted in coöperation with the University School of Pedagogy and leads to the degree of Bachelor of Science in Pedagogy.

Required Courses.

(a) English Composition,	4	points.
History,	4	"
Psychology,	4	"
Mathematics, or An Exact Science	4	"
A Natural Science	4	"
Total	20	points.

(b) Four points of one modern foreign language in addition to three years of high school work in that language.

Majors and Minors

(For definition of Major and Minor, see page 34.)

Students in Section D must complete, in addition to the required courses, one Major and one Minor.   All required courses must be completed before credit toward the Major or Minor will be given.

The Major must be taken in one of the following fields of study:

Elementary Teaching

Secondary Teaching, including teaching of Commercial Subjects.

Teaching of Delinquent and Defective Children.

Home Economics.

Domestic Art.

Music.

The Minor must be taken in one of the cultural groups listed on page 43.

Free Electives

The remainder of the work necessary for the degree may be made up of free electives, of which 28 points must be in cultural studies and 12 points in pedagogical studies.   Courses accepted for advanced credit will be credited as free electives.

DEPARTMENTAL ANNOUNCEMENTS

ACCOUNTING

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1–2. PRINCIPLES OF ACCOUNTING.

This is a unit course and no credit will be given until sixty continuous hours have been taken. Students will not be permitted to enter after the second session of the first term nor after the first session of the class beginning in the second term.

First and second terms.	4 points.
Monday, 7.45–9.45, or	Mr. W. B. Johnson.
Tuesday, 6.00–7.45, or	Mr. W. B. Johnson.
Tuesday, 7.45–9.45, or	Mr. Alther.
Wednesday, 4.45–6.45, or	Mr. W. B. Johnson.
Saturday, 11.00–1.00.	Mr. Barber.

Second term.
Monday, 9–11 and Thursday, 9–11,   Mr. Barber.
        or
Monday, 7.45–9.45 and Thursday, 7.45–9.45. Mr. Barber and Mr. Simpson.

Note: A section of this course, meeting Tuesdays, 4.45–6.30, will be open to women only.

3–4. ACCOUNTING PRACTICE. (Prerequisite: Accounting 1–2.)

No credit will be given until the prerequisite has been passed nor until sixty continuous hours in this course have been taken. Students will not be permitted to enter after the second session.

First and second terms.	4 points.
Monday, 9.00–11.00, or	Assistant Professor Douglas.
Monday, 4.45–6.45, or	
Monday, 7.45–9.45, or	
Wednesday, 6.00–7.45.	

5–6   Cost Accounting.   (Prerequisite: Accounting 1–2.)

No credit will be given until the prerequisite has been passed nor until sixty continuous hours in this course have been taken.   Students will not be permitted to enter after the second session.

First and second terms.   4 points.
Wednesday, 9.00–10.00, or   Professor Wildman.
Wednesday, 4.45–6.45, or
Wednesday, 7.45–9.45, or
Thursday, 6.00–7.45.   Mr. H. L. Wilson,

7–8.   Auditing and Auditing Practice.   (Prerequisite: Accounting 1–2.
        3–4, 5–6, and 17–18.)
First and second terms.   4 points.
Monday, 7.45–9.45.   Professor Wildman.

9–10.   Fiduciary Accounting.   (Prerequisite: Accounting 1–2.)

No credit will be given until the prerequisite has been passed nor until sixty continuous hours in this course have been taken.   Students will not be permitted to enter after the second session.

First and second terms.   4 points.
Monday, 6.00–7.45.   Mr. Godridge.

12.   Investment Accounting.

Students will not be permitted to enter this course after the second session.
Second term.   2 points.
Friday, 6.00–7.45.   Dr. Westfall.

13–14.   Advanced Problems.   (Prerequisite: Accounting 3–4.)

The work of the first term (Accounting 13) may be taken separately.   The work of the second term (Accounting 14) may be taken separately but requires Accounting 13 as a prerequisite.

First and second terms.   4 points.
Tuesday, 9.00–11.00, or   Assistant Professor Douglas
Tuesday, 4.45–6.45, or   and Mr. Bayer.
Tuesday, 7.45–9.45.

15–16.   Accounting Systems.   (Prerequisite: Accounting 3–4, 5–6.)

No credit will be given until the prerequisites have been passed nor until sixty continuous hours have been taken.   Students will not be permitted to enter after the second session.

First and second terms.   4 points.
Thursday, 7.45–9.45.   Mr. Reeve.

17–18. THEORY OF ACCOUNTING.
First and second terms. 4 points.
Tuesday, 9.00–11.00, or Assistant Professor Madden.
Tuesday, 6.00–7.45, or
Friday, 7.45–9.45.

20. MUNICIPAL ACCOUNTING. (Prerequisite: Accounting 1–2.)
Second term. 2 points.
Thursday, 6.00–7.45. Lectures given by senior accountants of the
New York Bureau of Municipal Research.

21–22. PUBLIC UTILITIES ACCOUNTING. (Prerequisite: Accounting 1–2.)
This is a unit course. No credit will be given until the prerequisite has been passed nor until sixty continuous hours have been taken.
First and second terms. 4 points.
Thursday, 6.00–7.45. Mr. Moyer.

23–24. FOREIGN EXCHANGE ACCOUNTING. (Prerequisite: Accounting 1–2.)
This is a unit course. No credit will be given until the prerequisite has been passed nor until sixty continuous hours have been taken.
First and second terms. 4 points.
Friday, 7.45–9.45. Mr. Djörup.

25–26. INSTITUTIONAL ACCOUNTING.
First and second terms. 4 points.
Wednesday, 4.45–6.45. Professor Wildman,

ADVERTISING AND MARKETING

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1–2. ESSENTIALS OF ADVERTISING.
Thursday, 4.00–6.00. 4 points.
Thursday, 6.00–7.45. Mr. Collins.

5–6. ADVERTISING COPY.
First and second terms. 4 points.
Tuesday, 7.45–9.45. Professor Hotchkiss.
Wednesday, 2.00–4.00.

11–12.   MARKETS AND MARKETING.
   First and second terms.   4 points.
   Monday, 11.00–1.00   Assistant Professor Kennedy.

13–14.   PSYCHOLOGY OF ADVERTISING AND SELLING.
   First and second terms.   4 points.
   Tuesday, 6.00–7.45.   Mr. Rogowski.

15–16.   ADVERTISING DISPLAY.
   First and second terms.   4 points.
   Monday, 6.00–7.45.   Mr. Parsons.

17.   ADVANCED COPY WRITING.
   First term.   2 points.
   Wednesday, 7.45–9.45.   Professor Hotchkiss.

18.   ADVANCED DISPLAY.
   Second term.   2 points.
   Wednesday, 7.45–9.45.   Mr. Parsons.

19.   PRINTING OF ADVERTISEMENTS.
   First term.   2 points.
   Monday, 7.45–9.45.   Mr. French.

20.   LAYOUTS.
   Second terms.   2 points.
   Monday, 7.45–9.45.   Mr. Sprague.

23–24.   ADVERTISING CAMPAIGNS.
   First and second terms.   4 points.
   Friday, 7.45–9.45.   Mr. Tipper.

25–26.   ECONOMICS OF ADVERTISING AND ANALYSIS OF MARKETING COSTS.
   First and second terms.   4 points.
   Thursday, 6.00–7.45.   Mr. Tipper.

27–28.   ADVERTISING MEDIA.
   First and second terms.   4 points.
   Wednesday, 6.00–7.45.   Assistant Professor Lee and Special Lecturers.

29–30. SALES CORRESPONDENCE AND SELLING SYSTEMS.

First and second terms.   4 points.
Tuesday, 4.45–6.30.
Thursday, 7.45–9.45.   Mr. Adley.

31. SALESMANSHIP.

First term.   2 points.
Wednesday, 7.45–9.45, or   Mr. Jones, Mr. Comyns and Mr.
Second term.   Rosenblum.
Wednesday, 11.00–1.00.

34. SALES MANAGEMENT.

Second term.   2 points.
Wednesday, 7.45–9.45.   Mr. Jones and Mr. Comyns.

35. EXPORT SELLING METHODS.

First term.   2 points.
Friday, 7.45–9.45.   Mr. Hough.

37–38. MAIL ORDER PRACTICE.

First and second terms.   4 points.
Wednesday, 6.00–7.45.   Mr. Adley.

BIOLOGY

1–2. GENERAL PRINCIPLES OF ZOÖLOGY.

This course will serve as an introduction to the study of animals, their structure, their life history and their systematic positions. It will also treat of the great principles which underlie the phenomena of living things. In addition to the lectures, the careful reading of a text-book will be required. Illustrated by lantern slides.

This course is not open in the second term.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Professor Bristol.

3–4. PRINCIPLES OF ORGANIC EVOLUTION.

This course goes over the evidences of evolution, discussing the principal factors carefully. Along with the lectures, the careful reading of a text-book is required. Illustrated with lantern slides. No prerequisites.

This course is not open in the second term.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Professor Bristol.

Minor: Biology 1–2, 3–4, and Geology 5–6.

CHEMISTRY

1-2. General Chemistry.

Lectures, quizzes and study of a text-book. (Given at the Medical School, East 26th Street.)

First and second terms.   4 points.
Wednesday, 4.00–6.00.   Assistant Professor Gettler.

3. Inorganic Experimentation.

Laboratory course intended for students taking Chemistry 1-2, and required of all students before the election of Chemistry 4 or 5 or any other advanced courses. (Given at the Medical School.)

First term.   2 points.
Thursday, 4.00–6.00.   Assistant Professor Gettler.
Friday, 4.00–6.00.

4. Short Course in Qualitative Analysis. (Prerequisite: Chemistry 3.)

Four hours of laboratory work weekly, which should accompany Chemistry 2. (Given at the Medical School, as a continuation of Chemistry 3.)

Second term.   2 points.
Thursday, 4.00–6.00.   Assistant Professor Gettler.
Friday, 4.00–6.00.

5. Organic Chemistry. (Prerequisites: Chemistry 1, 2, 3, and 4.)

Lectures on the compounds of carbon, devoted chiefly to the aliphatic series. (Given at the Medical School.)

First term.   2 points.
Tuesday, 4.00–6.00.   Assistant Professor Gettler.

6. Organic Chemistry. (Prerequisite: Chemistry 5.)

A continuation of the study, with emphasis on the aromatic series and the compounds of nitrogen. (Given at the Medical School.)

Second term.   2 points.
Tuesday, 4.00–6.00.   Assistant Professor Gettler.

101-102. Qualitative Analysis. (Prerequisite: Chemistry 1, 2, 3.)

Six laboratory hours per week during the entire year, at the Havemeyer Laboratory, University Heights. Two hundred and fifty laboratory hours. The course is planned to make the student thoroughly familiar with the ordinary scheme of qualitative analysis, and to afford some knowledge of the tests of the rarer elements, with practice in spectroscopic analysis and dry analysis.

First and second terms.   4 points.
Hours to be arranged.   Assistant Professor Simmons and Dr. Oesper.

COMMERCIAL LAW

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1.   CONTRACTS.

First term. 2 points.
Monday, 6.00–7.45, or Professor Bacon and Mr. Bergh.
Tuesday, 9.00–11.00, or
Friday, 4.45–6.30, or
Friday, 7.45–9.45.

2.   AGENCY AND EMPLOYMENTS—TORTS AND FUNCTIONS OF THE COURTS.

Second term. 2 points.
Monday, 6.00–7.45, or Professor Bacon and Mr. Bergh.
Tuesday, 9.00–11.00, or
Friday, 4.45–6.30, or
Friday, 7.45–9.45.

3.   SALES, SHIPMENTS, BAILMENTS, AND MANAGEMENT OF PERSONAL
PROPERTY; MORTGAGES OF REAL ESTATE AND PERSONAL PROPERTY.

First term. 2 points.
Thursday, 4.45–6.30, or Professor Bacon.
Thursday, 7.45–9.45, or
Friday, 9.00–11.00.

4.   BANKRUPTCY, EXECUTORS AND ADMINISTRATORS.

Second term. 2 points.
Thursday, 4.45–6.30, or Professor Bacon.
Thursday, 7.45–9.45, or
Friday, 9.00–11.00.

5.   LAWS OF BANKS AND NEGOTIABLE AND COMMERCIAL PAPER.

First term. 2 points.
Wednesday, 4.45–6.30, or Professor Bacon.
Wednesday, 7.45–9.45.

6.   PARTNERSHIPS, LIMITED PARTNERSHIPS, AND CORPORATIONS.

Second term. 2 points.
Wednesday, 4.45–6.30, or Professor Bacon.
Wednesday, 7.45–9.45.

9. BUSINESS LAW AND PRACTICES OF SPANISH AMERICA.
    First term.   2 points.
    Monday, 7.45–9.45.   Mr. Obregon.

10–11. POPULAR LAW.
    First and second terms.   4 points.
    Saturday, 2.00–4.00.   Dr. Gerdes.
    Minor: 1–2, 3–4, 5–6 (or 9–10).

DOMESTIC ART

The following courses given in the Extramural Division are open also to students of the Washington Square College. This work is offered in the Washington Irving High School.

1–2. BASKETRY AND CHAIRCANING.
    First and second terms.   4 points.
    Saturday, 9.15–11.15.   Mrs. Consalus.

3–4. PRIMARY CONSTRUCTION WORK.
    First and second terms.   2 points.
    Saturday, 11.15–12.15.   Mrs. Consalus.

5–6. HAND SEWING AND GARMENT MAKING.
    First and second terms.   6 points.
    Saturday, 9.15–12.15.   Miss Close.

7–8. DRESSMAKING.
    First and second terms.   6 points.
    Saturday, 9.15–12.15.   Mrs. Thomae, and Miss Close.

9–10. METHODS OF TEACHING DOMESTIC ART.
    First and second terms.   2 points.
    Saturday, 12.30–1.30.   Mrs. Consalus.

11–12. ADVANCED METHODS OF TEACHING AND INSTRUCTION IN FIBRES
        AND TEXTILES.
    First and second terms.   2 points.
    Saturday, 2.00–3.00.   Mrs. Consalus.

ECONOMICS

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1. POLITICAL ECONOMY. (Two-hour course, one hour to be arranged.)

First term.   2 points.
Friday, 10.00–11.00, or   Professors Johnson and Kennedy
Tuesday, 4.45–6.30, or   with Assistants.
Wednesday, 7.45–9.45, or
Friday, 6.00–7.45.

2. PRACTICAL ECONOMIC PROBLEMS. (Two-hour course, one hour to be arranged.)

Second term.   2 points.
Friday, 10.00–11.00, or   Professors Johnson and Kennedy
Tuesday, 4.45–6.30, or   with Assistants.
Wednesday, 7.45–9.45, or
Friday, 6.00–7.45.

11–12. ELEMENTS OF STATISTICAL METHODS.

First and second terms.   4 points.
Friday, 7.45–9.45.   Mr. Hathaway.

[13–14. TECHNIQUE OF SOCIAL STATISTICS.

First and second terms.   4 points.
(Not given in 1915–1916.)   ]

15–16. WOMAN IN INDUSTRY.

First and second terms.   4 points.
Tuesday, 7.45–9.45.   Miss vom Baur.

EDUCATION

The following courses given in the School of Pedagogy are open also to students of the Washington Square College.

21. EDUCATIONAL HYGIENE.

First term.   2 points.
Saturday, 11.15–1.15.   Dr. Wile.

31–32.   Methods of Teaching Children How to Study.

First and second terms.   2 points.
Thursday, 4.45–5.45.   Dr. Earhart.

33–34.   Methods in Arithmetic and Reading.

First and second terms.   2 points.
Thursday, 4.45–5.45.   Dr. Walk.

35–36.   Methods in Reading and Oral Presentation.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Dr. Edmund.

37–38.   Primary-Kindergarten Education.

First and second terms.   2 points.
Tuesday, 4.15–5.15.   Miss Mills.

43–44.   Methods of Teaching Vocational Subjects.

First and second terms.   4 points.
Friday, 7.30–9.30.   Dr. Pickett.

45–46.   Wood Work for Teachers in Elementary Schools.

First and second terms.   4 points.
Tuesday, 7.00–9.00.   Mr. Griswold.

51–52.   Psycho-Analysis   (Elementary Course).

First and second terms.   2 points.
Monday, 4.45–5.45.   Dr. Brill.

53–54.   Social Hygiene.

First and second terms.   2 points.
Wednesday, 3.45–4.45.   Dr. Snow and Miss Garrett.

101–102.   Principles of Education.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Associate Professor Kohl.

103–104.   General Method.

First and second terms.   2 points.
Wednesday, 4.45–5.45.   Associate Professor Kohl.

105–106. SCHOOL AND CLASS ADMINISTRATION.
First and second terms.   2 points.
Thursday, 4.45–5.45.   Dr. Perry.

107–108. HISTORY OF EDUCATION.
First and second terms.   4 points.
Saturday, 11.15–1.15.   Professor Horne and Chancellor Brown.

113–114. EDUCATIONAL PSYCHOLOGY.
First and second terms.   4 points.
Wednesday, 3.45–5.45.   Professor Lough.

[121–122. EDUCATIONAL CLASSICS (GREEK AND ROMAN).
First and second terms.   2 points.
(Not given in 1915–1916.)   Professor Horne.]

123–124. EDUCATIONAL CLASSICS (MODERN NATURALISTS).
First and second terms.   2 points.
Monday, 3.45–4.45.   Associate Professor Kohl.

[125–126. EDUCATIONAL CLASSICS (MODERN REALISTS).
First and second terms.   2 points.
(Not given in 1915–1916.)   Professor Horne.]

127–128. TEACHER'S PHILOSOPHY OF LIFE.
First and second terms.   2 points.
Tuesday, 4.45–5.45.   Professor Horne.

129–130. MORAL EDUCATION.
First and second terms.   2 points.
Saturday, 10.15–11.15.   Professor Horne.

[131–132. RELIGIOUS EDUCATION.
First and second terms.   2 points.
(Not given in 1915–1916).   Professor Horne.]

133–134. EXPERIMENTAL DIDACTICS.
First and second terms.   4 points.
Monday, 3.45–5.45.   Dr. Radosavljevich.

137–138.   MENTAL AND MORAL DELINQUENTS.

   First and second terms.   4 points.
   Tuesday, 3.45–5.45.   Dr. Carley.

139–140.   PRINCIPLES OF PHYSICAL TRAINING.

   First and second terms.   2 points.
   Monday, 4.45–5.45.   Dr. Crampton.

141–142.   PRINCIPLES OF VOCATIONAL EDUCATION.

   First and second terms.   2 points.
   Saturday, 2.15–3.15.   Dr. Pickett.

143–144.   ORGANIZATION AND MANAGEMENT OF VOCATIONAL SCHOOLS.

   First and second terms.   2 points.
   Saturday, 3.15–4.15.   Dr. Pickett.

151–152.   METHODS OF TEACHING HISTORY IN THE ELEMENTARY SCHOOLS.

   First and second terms.   2 points.
   Tuesday, 3.45–4.45.   Associate Professor Kohl.

153–154.   METHODS OF TEACHING ENGLISH IN THE ELEMENTARY SCHOOLS.

   First and second terms.   2 points.
   Tuesday, 3.45–4.45.   Dr. Klapper.

155–156.   METHODS OF TEACHING SCIENCE IN THE ELEMENTARY SCHOOLS.

   First and second terms.   4 points.
   Saturday, 9.15–10.15.   Dr. Mayman.

157–158.   METHODS IN SCHOOL AND PERSONAL HYGIENE.

   First and second terms.   2 points.
   Monday, 3.45–4.45.   Dr. Crampton.

161–162.   PRINCIPLES OF SECONDARY EDUCATION.

   First and second terms.   4 points.
   Thursday, 3.45–5.45.   Associate Professor Kohl.

163–164.   METHODS OF TEACHING ENGLISH IN HIGH SCHOOLS.
   First and second terms.   4 points.
   Tuesday, 3.45–5.45.   Dr. Law.

165–166.   METHODS IN HIGH SCHOOL MATHEMATICS.
   First and second terms.   4 points.
   Saturday, 11.15–1.15.   Mr. Schlauch.

167–168.   METHODS OF TEACHING MODERN LANGUAGES.
   First and second terms.   2 points.
   Friday, 3.45–4.45.   Dr. Krause.

EDUCATION OF DEFECTIVES

The following courses given in the School of Pedagogy are open also to students of the Washington Square College.

1–2.   ANATOMY AND PHYSIOLOGY OF THE CHILD.
   First and second terms.   4 points.
   Friday, 3.45–5.45.   Dr. Munn-Recht and Dr. Bebb.

3–4.   MEDICAL CLINIC (INTRODUCTORY COURSE).
   First and second terms.   4 points.
   Saturday, 11.15–1.15.   Dr. Neustaedter.

5–6.   MEDICAL CLINIC (ADVANCED COURSE).
   First and second terms.   4 points.
   Friday, 4.00–6.00   Dr. Fisher and Dr. Neustaedter.

7–8.   PSYCHOLOGY OF DEFECTIVES.
   First and second terms.   2 points.
   Saturday, 12.15–1.15.   Mr. Doll and Dr. Goddard.

9–10.   DIAGNOSIS OF BACKWARD CHILDREN.
   First and second terms.   4 points.
   Wednesday, 3.45–5.15 and Saturday, 11.15–12.15.   Mrs. Morgan and
   Thursday, 3.45–5.15 and Saturday, 11.15–12.15.   Mr. Doll.

11.   ADMINISTRATION OF PHYSICAL EDUCATION.

First and second terms.   2 points.
Saturday, 10.15–11.15.   Mr. Harper.

13.   PHYSICAL EDUCATION.

First term.   2 points.
Saturday, 11.15–1.15.   Mr. Harper.

14.   PLAYS, GAMES AND PHYSICAL EXERCISE.

Second term.   2 points.
Saturday, 11.15–1.15.   ·   Mr. Harper.

15.   METHODS OF TEACHING WITH SPECIAL REFERENCE TO MENTAL DE-
        FECTIVES.

First term.   2 points.
Saturday, 11.15–1.15.   Miss Anderson.

17–18.   METHODS OF TEACHING WITH SPECIAL REFERENCE TO BACKWARD
           AND RETARDED CHILDREN.

First and second terms.   2 points.
Wednesday, 4.45–5.45.   Miss Walsh.

19–20.   METHODS OF TEACHING WITH SPECIAL REFERENCE TO LOW GRADE
           MENTAL DEFECTIVES.

First and second terms.   2 points.
Wednesday, 3.45–4.45.   Miss Walsh.

21–22.   TREATMENT OF DELINQUENTS.

First and second terms.   2 points.
Thursday, 3.45–4.45.   Miss Jones.

23–24.   ORGANIZATION AND MANAGEMENT OF SPECIAL CLASSES.

First and second terms.   2 points.
Tuesday, 4.45–5.45.   Miss Farrell.

25–26.   ORGANIZATION AND SUPERVISION OF SCHOOLS FOR DEFECTIVES.

First and second terms.   2 points.
Tuesday, 3.45–4.45.   Miss Anderson.

27–28. METHODS OF TEACHING MANUAL ARTS.

First and second terms.   4 points.
Friday, 7.00–9.00.   Mr. Griswold.

29–30. PHONETICS.

First and second terms.   2 points.
Tuesday, 5.00–6.00.   Miss Crahan.

31–32. SPEECH DEFECTS.

First and second terms.   2 points.
Tuesday, 4.00–5.00.   Dr. Reigart.

33–34. INDUSTRIAL EDUCATION FOR DEFECTIVE CHILDREN (PRACTICAL
    COURSE).

First and second terms.   4 points.
Sec. A. Friday, 3.45–5.45.   Miss Hamilton.
Sec. B. Friday, 7.15–9.15.

35–36. WOOD WORK FOR TEACHERS OF DEFECTIVE CHILDREN (ELE-
    MENTARY COURSE).

First and second terms.   4 points.
Saturday, 11.15–1.15.   Miss Griswold.

37–38. WOOD WORK FOR TEACHERS OF DEFECTIVE CHILDREN (AD-
    VANCED COURSE).

First and second terms.   4 points.
Saturday, 9.15–11.15.   Miss Griswold.

39–40. HOUSEHOLD SCIENCE.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Miss O'Brien.

41–42. STANDARDS FOR MEASURING INSTRUCTION.

First and second terms.   2 points.
Tuesday, 3.45–4.45.   Miss Farrell.

ENGLISH

CONSULTATION HOURS: For Professor Bouton, Assistant Professor Nason, Assistant Professor Allen, the hours are as heretofore announced for the Graduate School. Assistant Professor Whyte, Dr. Tonsor, Mr. Bergh, Mr. Andrews, and Dr. Law may be consulted at Washington Square at the beginning or the close of any regular lecture.

Those who wish to elect majors or minors in English should consult with Professor Bouton. The general regulations concerning majors and minors are published on page 34 of the bulletin of the Washington Square College. English 31-32, or a satisfactory equivalent, are required of all students in the Washington Square College; but they may not be credited toward a major or a minor in English. Courses 1-2, in English Composition and Rhetoric of Freshman grade, given at Washington Square in the Extramural Division by Mr. Andrews, during the first and second terms, on Friday evenings, from 7.45 to 9.45, will be accepted by the Washington Square College as meeting the requirement just stated.

11–12. BUSINESS ENGLISH.

The main object of this course is to drill students, in the use of correct and forceful English for business purposes. Lectures deal with the general principles of effective expression and *impression* and with their application to the types of composition most frequently used in business. Correspondence receives special attention. A great deal of practice is given in the actual work of composition in the forms of business letters, articles, reports, arguments and other pieces of material, the purpose of which is to influence and direct action.

First and second terms.   4 points.
Monday, 4.45–6.45.   Professor Hotchkiss,
Tuesday, 7.45–9.45.   Mr. Kilduff, and Mr. Badger.
Wednesday, 9.00–11.00.
Thursday, 6.00–7.45.
Thursday, 7.45–9.45.

18. ADVANCED BUSINESS CORRESPONDENCE.

A detailed study is made of some of the more important kinds of correspondence, exclusive of sales letters. Collections, adjustments and the handling of inquiries receive special attention. The final object of the work is the development of an efficient correspondence system for a business or financial house.

Second term.   2 points.
Monday, 7.45–9.45.   Mr. Kilduff.

31–32. ENGLISH COMPOSITION.

The aim of this course is to cultivate correctness, effectiveness, and facility in written composition. The first semester will be devoted to the writing of brief weekly themes of observation and comment, and to a review of good use and of the principles of composition. The second semester will be given to expository, critical, and narrative writing, with the composition of themes of greater length. The course is designed for mature students who need training and review in the technical processes of writing. Text-book: Nason's *Short Themes and Long*.

First and second terms. 4 points.
Saturday, 9.15–11.15 A. M. Assistant Professor Nason.

33. ORAL COMPOSITION.

This course is designed to meet the needs of teachers of the subject, and of all others who feel the need of greater fluency of expression. The work will be divided into two main classes—constructive and corrective:

Constructive—Selection; organization; correct and effective oral expression of material suitable for use as class room exercise and for conversation; enlargement of vocabulary; stimulation of clear and original thought.

Corrective—Rhetorical and grammatical errors; defects in use of speech organs (enunciation, lisping, stammering, stuttering, etc.); control of self-consciousness and nervousness; voice placing; breathing.

First term. 2 points.
Thursday, 4.00–6.00. Mr. Briggs.

34. ORAL COMPOSITION.

A continuation of the first term. The work includes practice in a wide range of forms of oral expression: especially short extempore speeches on assigned topics.

Second term. 2 points.
Thursday, 4.00–6.00. Mr. Briggs.

35–36.—Div. a. ARGUMENTATION AND PUBLIC SPEAKING.

This course stimulates clear and original thinking and imparts the power of effective oral presentation. In public speaking, the subjects considered are speech-composition, persuasion and forms of public address. Each student delivers before the class a series of speeches, some prepared and some extemporaneous. He receives individual training and criticism. He is given practical instruction in the use and developing of the voice, in gesture and

position. In Argumentation, the class studies analysis, evidence, methods of research, brief-drawing, processes of argument, and refutation.

First and second terms.   4 points.
Monday, 7.45–9.45.   Mr. Bergh.

35–36.—Div. b. Argumentation and Public Speaking.

The work of the first term will consist in the study of the principles underlying argumentative composition, and the application of these principles to debates on public questions. The following phases will receive attention: Analysis of questions, evidence, research, brief-drawing, composition of a forensic, persuasion. Debates will be had in practice both by teams and individuals.

The work of the second term will consist in the study of the rhetorical and psychological principles underlying the composition and delivery of speeches. Phonetics and personal address will receive careful attention. The student will compose and deliver speeches adapted to public functions, dedications, commemorations, and the like.

First and second terms.   4 points.
Saturday, 1.15–3.15.   Dr. Tonsor.

37–38. The History of English Literature.

A view of the progress of English literature from the Old English period to the nineteenth century, with a presentation of its chief facts in their relation to social and literary tendency.   Readings in representative literature.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Professor Bouton.

39–40. Nineteenth Century Poetry.

In this course the principal developments of Nineteenth Century Poetry will be reviewed in outline in lectures and will then be studied in representative works of Byron, Shelly, Keats, Tennyson, Swinbourne, Morris, Browning, and later poets, including those of present day.   The course will have for its main object the inductive study of the development of Nineteenth Century Poetry and its relation to the scientific, religious, and social life of the nineteenth century.

First and second terms,   4 points.
Friday, 4.00–6.00.   Dr. Law.

41. The Contemporary Drama.   Ibsen, his life and work.

First term.   2 points.
Tuesday, 4.00–6.00.   Assistant Professor Allen.

42. THE CONTEMPORARY DRAMA.

The influence of Ibsen upon the technique and the intellectual content of the drama. Naturalism and neo-romanticism in the drama: work of Hauptmann, Sudermann, Tolstoi, Maeterlinck, Rostand, and Shaw.

Second term. 2 points.
Tuesday, 4.00–6.00. Assistant Professor Allen.

43-44. TYPES OF FICTION.

This course will deal with fundamental movements in the development of fictitious narrative in English. The topics for discussion will include the adventure story, the novel of manners, the historical novel, the Gothic romance, the purpose novel, the influences of romanticism and of realism, the psychological novel, and the types of the short story.

First and second terms. 4 points.
Saturday, 11.15–1.15. Mr. Andrews.

[101–102. THE ESSAY IN ENGLISH.

First and second terms. 4 points.
(Not given in 1915–1916.) Professor Bouton.]

[103–104. ENGLISH LITERARY PROSE FROM THE INTRODUCTION OF PRINTING TO RISE OF THE PERIODICALS.

First and second terms. 4 points.
(Not given in 1915–1916.) Professor Bouton.]

105–106. STUDIES IN EIGHTEENTH CENTURY LITERATURE.

(I) The Neo-Classical Writers.
First and second terms. 4 points.
(Not given in 1915–1916.) Assistant Professor Nason.]

[107–108. STUDIES IN EIGHTEENTH CENTURY LITERATURE.

(II) The reaction from the Neo-Classical Writers.
First and second terms. 4 points.
(Not given in 1915–1916.) Assistant Professor Nason.]

109–110. ANGLO-SAXON.

Study of the grammar and syntax of Anglo-Saxon. Reading of prose, and of Beowulf. Anglo-Saxon versification.

First and second terms. 4 points.
Monday, 4.00–6.00. Assistant Professor Whyte.

FINANCE

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1–2. ELEMENTS OF PRIVATE FINANCE.
First term, Tuesday, 11.00–1.00; Thursday, 2.00–4.00.
Second term, Tuesdays and Thursdays, 11.00–1.00.
First and second terms.   4 points.
Wednesday, 6.00–7.45.   Associate Professor Gerstenberg and
Thursday, 4.45–6.30.   Mr. Ettinger.
Thursday, 7.45–9.45.

3. MONEY AND CREDIT.
First term.   2 points.
Tuesday, 7.45–9.45.   Professor Johnson and
Friday, 11.00–1.00.   Mr. Foster.

4. THEORY AND HISTORY OF BANKING.
Second term.   2 points.
Tuesday, 7.45–9.45.   Professor Johnson and
Friday, 11.00–1.00.   Mr. Foster.

5. BANKING PRACTICE.
First term.   2 points.
Monday, 6.00–7.45.

6. FOREIGN BANKING PRACTICE.
Second term.   2 points.
Monday, 6.00–7.45.

8. FOREIGN EXCHANGE.
Second term.   2 points.
Friday, 6.00–7.45.   Mr. Escher.

9. PUBLIC FINANCE.
First term.   2 points.
Monday, 11.00–1.00.   Dr. Reed,

20. THE FINANCING OF INDUSTRIAL ENTERPRISES.
First term.   2 points.
(Not given in 1915–1916.)   Associate Professor Gerstenberg.

21. RAILWAY FINANCE.
First term.   2 points.
Tuesday, 6.00–7.45.   Associate Professor Gerstenberg.

22.   PUBLIC UTILITIES FINANCE.
Second term.   2 points.
Tuesday, 6.00–7.45.   Associate Professor Gerstenberg.

24.   PANICS AND DEPRESSIONS.
Second term.   2 points.
Thursday, 7.45–9.45.   Mr. Chamberlain.

[31–32.   MATHEMATICS OF FINANCE.
First and second terms.   4 points.
(Not given in 1915–1916.)   ]

33–34.   SECURITY INVESTMENTS.
First and second terms.   4 points.
Thursday, 6.00–7.45.   Mr. Chamberlain.

35.   ORGANIZATION AND WORK OF BOND AND BROKERAGE HOUSES.
First term.   2 points.
Monday, 7.45–9.45.

36.   STOCK BROKERAGE.
Second term.   2 points.
Monday, 7.45–9.45.

38.   STOCK EXCHANGE AND SPECULATION.
Second term.   2 points.
Monday, 6.00–7.45.   Mr. Atwood.

41.   INSURANCE LAW AND PRACTICE.
First term.   2 points.
Wednesday, 7.45–9.45.   Mr. Hardy.

42.   PRINCIPLES OF INSURANCE.
Second term.   2 points.
Wednesday, 7.45–9.45.   Mr. Hardy.

43–44.   FIRE INSURANCE.
First and second terms.   4 points.
Thursday, 6.00–7.45.   Mr. Hardy.

45–46.   REAL ESTATE.
First and second terms.   4 points.
Tuesday, 6.00–7.45.   Mr. Benson and
Friday, 11.00–1.00.   Mr. Ettinger.

48.   CREDITS AND COLLECTIONS.
Second term.   2 points.
Wednesday, 7.45–9.45.   Mr. Golieb and
Thursday, 2.00–4.00.   Mr. Ettinger.

FRENCH

1-2. ELEMENTARY COURSE.

This course, designed primarily for students who have had no training in French, aims to give a thorough grounding in pronunciation and in the essentials of French grammar. As early as possible, a simple French text will be introduced. Conversation will be emphasized throughout the course.

First and second terms.   4 points.
Div. a, Wednesday, 4.00–6.00.   Dr. Méras.
Div. b, Saturday, 2.00–4.00.

3-4. INTERMEDIATE COURSE. (Prerequisite: French 1-2.)

This course will consist mainly in the reading of a number of works of standard authors for the purpose of acquiring a practical vocabulary. It will include a careful study of irregular verbs and elementary idioms. The work will be supplemented by easy prose composition, and, as far as practicable, the French language will be used in class.

First and second terms.   4 points.
Div. a, Thursday, 4.00–6.00.   Mr. Heaton and Dr. Méras.
Div. b, Saturday, 11.15–1.15.

5-6. ADVANCED COURSE. (Prerequisites: French 1-2, 3-4.)

The work of this course will consist in the reading of more advanced texts, including prose, poetry and drama. A detailed study will be made of the more difficult rules of French syntax. Special emphasis will be laid throughout the course upon conversation.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Mr. Heaton.

7-8. FIRST YEAR COMMERCIAL FRENCH.

The aim of this elementary course is to give in a short time a fair knowledge of French grammar and of French commercial terms with a correct pronunciation. The class will be conducted in French.

First and second terms.   4 points.
Tuesday, 7.45–9.45.   Dr. Rougier.

9-10. SECOND YEAR COMMERCIAL FRENCH.

This course is devoted to commercial correspondence. Models of all kinds of letters will be given; circulars, letters of recommendation, intro-

duction and inquiry, letters concerning commercial transactions, proper forwarding of goods, letters of credit, and so on.

First and second terms.   4 points.
Tuesday, 6.00–7.45.   Dr. Rougier.

11–12. GENERAL INTRODUCTION TO FRENCH LITERATURE. (Prerequisites: French 1–2, 3–4, 5–6.)

The object of this course is to give the student an outline of the entire field of French literature.   A careful study will be made of the Classical, Romantic and Realistic Schools.   The course will consist in the reading of extracts from the more important authors, lectures, discussions, and written reports.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Dr. Méras.

13–14. NINETEENTH CENTURY AUTHORS. (Prerequisites: French 1–2, 3–4, 5–6.)

The object of this course is to familiarize the student with the most important prose writers, poets and dramatists of the last century.   Representative works of the following authors will be read in class, or assigned for outside reading: Chateaubriand, Hugo, Musset, Balzac, Dumas, Scribe, Augier, Daudet, Loti, France, Rostand and others.   The work will be supplemented by lectures on the literary movements of the century.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Mr. Heaton.

15–16. THE DEVELOPMENT OF FRENCH TRAGEDY. (Prerequisites: French 1–2, 3–4, 5–6, 11–12 or 13–14.)

A study of the tragedy from Corneille to Rostand.   Selected plays of Corneille, Racine, Hugo and Rostand will be read in class.   Other plays will be assigned for outside reading.   The work will be supplemented by lectures in French on the history of tragedy, and by reports on the collateral reading.

First and second terms.   4 points.
Friday, 4.00–6.00.   Dr. Méras.

17–18. THE DEVELOPMENT OF FRENCH COMEDY. (Prerequisite: French 1–2, 3–4, 5–6, 11–12 or 13–14.

A study of the comedy from Molière to Dumas fils.   Selected plays of Molière, Beaumarchais, Marivaux, Musset, Augier and Dumas fils will be

read in class. Other plays will be assigned for outside reading. The work will be supplemented by lectures in French on the history of comedy and by reports on the collateral reading.

First and second terms.

(Not given in 1915–1916.)

4 points.

Dr. Méras.

101. Introduction to Phonetics (Elements of Phonetics.)

Analysis of the speech-sounds in French and English, with some attention to German, Italian, and Spanish. The text-books of Sweet, Passy, Jespersen and Vietor.

First term.

Hours to be arranged.

2 points.

Professor Babcock.

102. Romance Versification. (Structure of Romance verse.)

Second term.

Hours to be arranged.

2 points.

Professor Babcock.

Major: 5–6, 11–12, 13–14, 15–16 (or 17–18), 101, 102.
Minor: 5–6, 11–12, 13–14.

GEOGRAPHY AND GEOLOGY

1. Geography of the Land.

This course and Geography 3 and 4 concern themselves chiefly with subject matter, in preparation for a later special study in methods; but the latter receive consideration wherever possible. The topics of the lectures cover the process in operation on the earth's surface and the history and characteristics of resulting physiographic forms; cycles of development in rivers, coasts and other continental features; physiographic control of life.

Text-book: *College Physiography*, by Tarr and Martin.

The lectures in this and the following courses are illustrated by maps, sections, lantern slides and specimens.

First term.

Tuesday, 4.00–6.00.

2 points.

Professor Woodman.

2. Geography of the Atmosphere and Ocean.

To a certain extent this is a continuation of Course 1, but either course may be taken without the other. The earth as a whole, as given in that part of geography commonly called mathematical; the characteristics of the ocean—its distribution, composition, movements and life; and the meteorological work of the atmosphere, constitute the theme of the course.

Those portions of the subject that are of service in elementary and secondary class work will receive especial prominence.

Second term.   2 points.
Tuesday, 4.00–6.00.   Professor Woodman.

3–4. Physiography of North America.

This course aims at a fairly detailed treatment of the physical geography of our continent, with constant reference to the human element. It is designed to afford, especially to teachers of geography, history, and economic subjects, opportunity to acquaint themselves with those features of a geographic and geologic nature that have entered into the life of the people and the nations.

First and second terms.   4 points.
Wednesday, 4.00–6.00.   Professor Woodman.

5–6. General Geology.

An account of the processes which have given the earth its present surface, such as the work of the atmosphere, running water, ice, the ocean, volcanoes, earthquakes and other movements in the body of the earth, together with a study of rocks and their structures. The origin of the earth is considered, and its history traced through the geologic periods, the lectures including an account of the successive assemblages of life forms characteristic of each period. The lectures are illustrated by the use of lantern slides, rock specimens and maps.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Assistant Professor Finlay.

General Note: Laboratory work supplementary to Courses 1, 2, 3–4, 5–6, is given during the Summer School.

7–8. Principles of Economic Geography.

The general theme of the course is the dependence of mankind upon the earth's history. Among the problems considered are: agencies of existing change and their work; transportation—oceanic, coastwise, interior by water and by rail; mineral resources and their conservation; vegetable products; animal products; influences of environment upon man, and his adaption to them.

First and second terms.   4 points.
Thursday, 7.45–9.45.   Assistant Professor Finlay.

[9–10. GLACIAL GEOLOGY.

The order of treatment in the lectures is as follows: local recent glaciers—their distribution, characters, causes and work; piedmont glaciers; ice sheets, as in Greenland and Antarctica; Pleistocene glaciation, a study of the distribution and work of its ice sheets in North America, and of the deposits formed by them; pre-Pleistocene glaciation; theories of ice movement and of glacial climate. Especial emphasis will be laid upon the region in the vicinity of New York, and several excursions will be made to study the work of the ice in and near the city. For texts, Hobb's *Characteristics of Existing Glaciers* and Salisbury's *Glacial Geology of New Jersey* will be used chiefly.

First and second terms.   4 points.
(Not given in 1915–1916.)   Dr. Earle.]

11–12. MINERALOGY.

The systematic study of 150 minerals by lectures and demonstrations; dealing with their crystal forms, their physical properties, and the blowpipe and other tests by which they are severally recognized and determined. The list of minerals includes those mined as ores, those which generally accompany the ore minerals in mining districts, and those which are fundamental for the detailed study of rocks. The course is illustrated by the use of models, mineral specimens and determinative apparatus. Each student will be given a printed syllabus.

First and second terms.   4 points.
Saturday, 2.00–4.00.   Assistant Professor Finlay.

13–14. MINERAL RESOURCES.

An account of the principal mineral products of the United States, and of the mining districts in which they occur. The list includes coal, oil, clay, rocks used as building stones and for cement making, iron, copper, lead, zinc, silver, and gold. The lectures deal with the nature of the ground and the conditions attending mining in the more important localities where each product is obtained, together with its properties.

First and second terms.   4 points.
Thursday, 4.00–6.00.   Assistant Professor Finlay.

[15–16. PHYSICAL AND ECONOMIC GEOGRAPHY OF THE METROPOLITAN
         REGION.

The aim of this course, which is a new departure in geography, is to give a detailed study of the Physiography and Economic Geography of the states of New York and New Jersey, and of the nearer and more important adjacent

regions. The commercial importance of the Greater New York district and its environs as a factor in the nation's development will be emphasized.

The course makes its appeal especially to two classes—teachers, and those interested in commerce. To the former it gives detailed knowledge of the home region from various points of view, useful in class work. To the latter it affords a broader grasp of the economic development of the metropolitan region and its natural causes.

The lectures will be supplemented by reading from original sources, and will be illustrated by maps, photographs and lantern slides.

First and second terms. 4 points.
(Not given in 1915–1916.) Professor Woodman.]

17. COMMERCIAL GEOGRAPHY OF EUROPE AND THE EAST.

The commercial and industrial geography of the eastern countries is considered, from the points of view of their geographic causes and influences, and of the relations of the conditions in those parts of the world to the present, and especially the future, status of the United States.

In 1915–1916, the special theme of the course is the great European War— its geographic influences, and its bearing upon the economic situation of the world, and especially of the United States.

First term. 2 points.
Wednesday, 7.45–9.45. Professor Woodman.

18. COMMERCIAL GEOGRAPHY OF PAN-AMERICA.

The work in this course follows essentially the same lines as Course 17, the central theme being the geographic factors controlling the economics of the two hemispheres; and especial consideration is given to the future of South America and the relations of the United States to that future.

Second term. 2 points.
Wednesday, 7.45–9.45. Professor Woodman.

19–20. ELEMENTARY HISTORICAL GEOLOGY.

The inorganic and organic history of the earth is considered in some detail. The larger physical problems, as mountain building, dynamic metamorphism, cycles of sedimentation, genesis of ores, salts, coal, etc., are considered under the various ages of which they have been characteristic. In the organic portions of the course, the evolution of the chief groups of plants and animals is studied, and the bearing upon it of climatal development. The geological history of man is given special treatment.

First and second terms. 4 points.
Monday, 4.00–6.00. Professor Woodman.

111–112. SEMINAR IN ECONOMIC GEOGRAPHY.

This course is ordinarily open only to seniors, and is designed for the individual study of problems by mature students. The nature of the problem will be determined by the preparation of each member of the class. The work will consist of the working out of geologic and geographic problems from original literature and maps, the results being discussed in the weekly conferences by the instructor and the class.

First and second terms.   4 points.
Friday, 4.00–6.00.   Professor Woodman.

101–102. HISTORY OF GEOLOGY AND PHYSIOGRAPHY.

This course aims to give a knowledge of the steps by which we have attained our present conception of the larger problems in geology and physiography.   One hour a week of lecture, with collateral reading.

First and second terms.   2 points.
Thursday, 5.00–6.00.   Dr. Earle.

Major: (A) 1–2, 3–4 (or 15–16), 7–8, 17, 18, 111–112; (B) 5–6, 9–10 (or 19–20), 11–12, 13–14, 111–112.

Minor: (A) 1–2, 3–4 (or 15–16), 111–112; (B) 7–8, 17, 18, 111–112; (C) 5–6, 9–10 (or 19–20), 111–112.

Note: Combinations of these geographical and geological series may be made by permission of Professor Woodman.

GERMAN

1–2. BEGINNERS' COURSE.

The pronunciation, accidence, and elementary syntax are studied.   Prokosch's Beginners' Book, *Immensee*, *Germelshausen*, or *Der Prozess*.   Conducted in German as far as possible.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Assistant Professor Whyte.

3–4. FIRST YEAR COMMERCIAL GERMAN.

This course is intended for students without any knowledge of German, and will give them a thorough foundation in the language, devoting the first half year entirely to that end, studying grammar and syntax.   In the second half year, conversation for business use will be a strong added feature, with some reading of graded commercial material.

First and second terms.   4 points.
Wednesday, 7.45–9.45.   Mr. Scholz.

5–6. SECOND YEAR COMMERCIAL GERMAN.   (Prerequisites: German 3–4 or equivalent).

This course is a continuation of the first year course, but may also be taken by students having a good knowledge of German grammar.   The entire year will be devoted to business correspondence, translating German business letters into English, and writing the answers to these letters in German. Some commercial reading will give the student a fair knowledge in commercial lines.   The aim of the course is to enable the student to translate any German letter that may reach his office, and to teach him how to write a simple German business letter in any line of work.

First and second terms.   4 points.
Thursday, 6.00–8.00.   Mr. Scholz.

7–8. THIRD YEAR COMMERCIAL GERMAN.   (Prerequisites: German 3–4, 5–6, or equivalent.)

This advanced course continues German C 3–4 and presupposes a good working knowledge of German.   Students who satisfy the instructor as to their proficiency in German may be admitted.   The course will be conducted entirely in German.   A detailed study of German business organization and practice will be undertaken, and the students will become familiar with the details of German business practice.   There will be lectures and discussions in German on Germany's commercial relations with the rest of the world. Advertising, terminology, reading of foreign papers will be part of the course, which will be adapted as far as possible to the individual needs of the students and the nature of their business requirements in the language.

First and second terms.   4 points.
Tuesday, 6.00–8.00.   Mr. Scholz.

13–14.   READINGS IN GERMAN NARRATIVE PROSE.

Four or five of the most popular and interesting modern stories will be read by the class.   There will be a thorough and systematic review of the elementary principles of the grammar.   Illustrated lectures upon the customs and manners of the German people.   This course is planned especially for those who have completed German 1–2 or S 1, and for those who have had a year or more of German in college, or normal school.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Professor McLouth.

15–16.   GERMAN LYRIC POETRY.

The reading of selections from the works of the most famous lyric poets of Germany from the period of the Reformation to the present time, includ-

ing the *Volkslied*, a brief consideration of the music composed for the most celebrated of these poems, and of some of the best English translations. Lectures on the history of German literature, illustrated by lantern slides.

First and second terms.   4 points.
Monday, 4.15–6.15.   Professor McLouth.

[17–18. READINGS IN LESSING'S DRAMATIC AND CRITICAL WORKS.   (Pre-
    requisites: Courses 1–2 and 13–14, or equivalent.)

Der junge Gelehrte, Minna von Barnhelm, selections from the *Literaturbriefe,*
Emilia Galotti, Nathan der Weise, and selections from the *Hamburgische*
Dramaturgie will be read. The syntax will be studied, and lectures will be given on Lessing's life and the literary period to which he belongs.   Conducted as far as possible in German.

First and second terms.   4 points.
(Not given in 1915–1916.)   Professor McLouth.]

[19–20. COURSE IN CONVERSATION AND COMPOSITION.   (Prerequisites:
    Course 17–18, or equivalent.)

Pope's German Composition will be used together with oral exercises based upon comparatively simple modern prose.   Conducted in German.

First and second terms.   4 points.
(Not given in 1915–1916.)   Professor McLouth.]

21–22. COURSE IN THE MODERN NOVEL.   (Prerequisites: Course 9–10,
    or equivalent.)

Three or four of the latest novels will be read and discussed by the class under the direction of the instructor.   Lectures on the history of the German novel since Goethe.   This course will be conducted in English, as it may be elected by those majoring in English or the Romance languages.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Professor McLouth.

23–24. COURSE IN THE MODERN SHORT STORY.   (Prerequisite: the
    ability to read modern German easily and rapidly.)

Selected short stories from the works of the great story-writers of Germany from Goethe to Heyse.   Beginnings will be made in studying the technique of this literary form.   This course will be conducted in English, as it may be elected by those majoring in English or the Romance languages.

First and second terms.   4 points.
Wednesday, 4.15–6.15.   Professor McLouth.

101–102. The "Sturm und Drang" Period of German Literature (1770–1780).

Being a study of (*a*) the beginnings of this movement in the influence of such writers as Shakespeare, Ossian and Rousseau; (*b*) its development in Germany by Klopstock, Lessing, Hamann and Herder; (*c*) its course as seen in Goethe's *Götz*, *Werther* and early lyrics, in Schiller's *Räuber*, *Fiesko* and *Kabale und Liebe*, and in the works of Klinger, Leisewitz, Lenz, Wagner, and Müller, and others and (*d*) the resulting influx of fuller life into German literature as seen in the subsequent classical period. Two hours.

First and second terms. 4 points.
Tuesday, 4.15–6.15. Professor McLouth.

[103–104. Introductory Course in Middle High German.

A study of the phonology, accidence and syntax of Middle High German, as given in the latest edition of Hermann Paul's *Mittelhochdeutsche Grammatik;* the reading of twenty cantos of the *Nibelungenlied* (Zarncke's edition); lectures upon the manuscripts, the legends, the origin-theories, the meter, the antiquities, the literary offspring, etc., of the *Nibelungenlied*. Each student will be expected to present a paper upon some assigned topic.

First and second terms. 4 points.
(Not given in 1915–1916.) Professor McLouth.]

105–106. The following choice is offered:

(a) Elementary old High German. A study of Braune's Althochdeutsche Grammatik (phonology, inflection, elementary syntax); reading of Braune's Althochdeutsches Lesebuch.

(b) Elementary Old Norse Noreens' Grammar, Easy Prose texts.
First and second terms. 4 points.
Wednesday, 4.15–6.15 or by arrangement. Associate Professor Wilkins.

Major: 17–18, 19–20, 21–22 (or 23–24), 25–26, 27–28 (or 101–102).
Minor: 17–18, 19–20, 21–22 (or 23–24).

GOVERNMENT

The following courses given by members of the Faculty of the Graduate School and of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

I. Fundamental Principles of Government

1–2. American Government.
First and second terms. 4 points.
Tuesday, 7.45–9.45. Dr. McLeod.
Wednesday, 4.00–6.00.

3–4.   THE PRINCIPLES OF POLITICS.
  First and second terms.   4 points.
  Friday, 6.00–7.45.   Professor Jenks.

5–6.   LEGAL AND POLITICAL ASPECTS OF INDUSTRIAL HISTORY.
  First and second terms.   4 points.
  Monday, 6.00–7.45.   Mr. Smith.

103–104.   RELATION OF GOVERNMENT TO BUSINESS.
  First and second terms.   4 points.
  Thursday, 6.00–7.45.   Professor Jenks.

II.   *Municipal Government*

21–22.   MUNICIPAL GOVERNMENT.
  First and second terms.   4 points.
  Wednesday, 6.00–7.45.   Mr. Loomis.

111–112.   MUNICIPAL ADMINISTRATION.
  First and second terms.   4 points.
  Wednesday, 7.45–9.45.   Mr. Loomis.

116.   MUNICIPAL FINANCE.
  Second term.   2 points.
  Tuesday, 7.45–9.45.   Mr. Loomis.

III.   *State and National Government*

35–36.   PRINCIPLES AND PRACTICE OF ADMINISTRATION.
  First and second terms.   4 points.
  Monday, 6.00–7.45.

[45–46.   AMERICAN POLITICAL PARTIES.
  First and second terms.   4 points.
  (Not given, 1915–1916.)   ]

47–48.   IMMIGRATION AND WELFARE WORK FOR IMMIGRANTS.
  First and second terms.   4 points.
  Thursday, 7.45–9.45.   Professor Jenks and Dr. Racca.

49–50.   SOCIAL LEGISLATION.
  First and second terms.   4 points.
  Thursday, 4.45–6.30.   Mr. De Witt.

113–114. GOVERNMENTS OF EUROPE.

First and second terms. 4 points.
Tuesday, 6.00–7.45. Dr. McLeod.

IV. International Law

109–110. INTERNATIONAL LAW.

First and second terms. 4 points.
Tuesday, 4.45–6.30. Dr. Crecraft.

V. Special Courses

101–102. PUBLIC AFFAIRS OF THE CITY OF NEW YORK.

First and second terms. 4 points.
Monday, 7.45–9.45. Professor Jenks assisted by the Director of
Tuesday, 4.00–6.00. Government House.

105–106. UNIVERSITY FORUM. MODERN QUESTIONS IN INTERNATIONAL
POLITICS. Fifteen lectures.

First and second terms. 2 points.
Friday, 5.00–6.00. Professor Jenks.

107–108. AMERICAN DIPLOMACY AND FOREIGN POLICY.

First and second terms. 4 points.
Wednesday, 7.00–9.00. Dr. Willis Fletcher Johnson.

GREEK

1–2. SIMPLE READING COURSE IN PROSE, WITH INTRODUCTION TO THE
GRAMMAR. (Prerequisite: Entrance Latin.)

The course serves as an introduction to the general reading of Attic Prose.
The aim of the instruction is to make clear the fundamental principles of
Greek translation of simple passages of the literature of the Fifth Century.
The course is valuable for teachers of any language.

First and second terms. 4 points.
Hours to be arranged. Professor Waters.

3–4. NEW TESTAMENT AND HISTORY OF THE EARLY CHURCH.

A timely study of the stages through which the Christian religion rose in
the period to Jerome and Augustine to meet the need brought about by the
decadence of the Roman Empire. One hour a week through the year.

First and second terms. 2 points.
Hours to be arranged. Professor Waters.

5–6. The Greek Play.

A study of the literary quality and technique of the more important Greek Plays of the Classical Period.   At least one play of Aeschylus, of Sophocles, and of Euripides will be read and studied intensively.   *Iphigenia in Tauris, The Trojan Women,* and any other plays of special contemporary interest will receive careful attention.   The course requires no knowledge of the Greek language.

First and second terms.   2 points.
Hours to be arranged.   Professor Waters.

101–102. Homer.

His dialect and vocabulary.   Homer the poet, and the object of study and literary criticism.   His place in literature and in archæology.   A course primarily for teachers of Greek.   Leaf, *Companion to the Iliad;* Seymour, *Life in the Homeric Age.*   Iliad, books I–VI; Odyssey, books I–VIII.

First and second terms.   4 points.
Friday, 4.00–6.00.   Professor Waters.

[103–104. Attic Prose.

Xenophon, as exponent of formal Greek grammar; his diction and word formation; sentence structure.   Xenophon as historian and essayist.   Anabasis, books I, II, IV; Hellenica, books I and II.   This course is adapted to meet the desires of teachers of Greek.   Prose Composition.

First and second terms.   4 points.
(Not given in 1915–1916.)   Professor Waters.]

105–106.   (*a*) Philosophy.

Religion and Philosophy of the Greeks.   A study based on evidences in Greek literature and archæological discoveries.   Religious teachers.   Deities, temples, temple-service and property; cults.   The works of Fernald, Jane Harrison and James Adam will be used.   Ritter and Preller, *History of Greek Philosophy.*

First and second terms.   2 points.
Saturday, 11.15–12.15.   Professor Waters.

107–108.   (*b*) Art.

Study of architecture, sculpture, painting; the temple and public buildings; coins, gems, vases.   Selected passages from Greek and Latin writers.   Archæological researches in Greece and Italy today.

First and second terms.   2 points.
Saturday, 12.15–1.15.   Professor Waters.

109–110. (*a*) LITERATURE.

The general range from Homer through the period of Alexandrine criticism. Epic, dramatic and lyric poetry. History, oratory and philosophy. In 1914–1915 poetry was the principal study, the dramatists and Theocritus being the writers studied.

First and second terms.   2 points.
Saturday, 9.15–10.15.   Professor Waters.

111–112. (*b*) HISTORY.

The history of Greece to the Roman Conquest. Greek politics and statecraft. Selected passages of Herodotus, Thucydides, Xenophon; Aristotle's *Politics*, Plato's *Republic*, III–V; Bury's *History of Greece* and *Greek Historians*.

First and second terms.   2 points.
Saturday, 10.15–11.15.   Professor Waters.

HOME ECONOMICS

The following courses given in the Extramural Division are open also to students of the Washington Square College.

1–2. HOME ECONOMICS (ELEMENTARY COURSE).
First and second terms.   6 points.
Saturday, 9.15–12.15.   Miss Adams.

3–4. HOME ECONOMICS (ADVANCED COURSE).
First and second terms.   6 points.
Saturday, 9.15–12.15.   Mrs. Carothers.

5–6. ELEMENTARY BACTERIOLOGY AND HOUSEHOLD HYGIENE.
First and second terms.   2 points.
Saturday, 1.15–2.15.   Miss Stebbins.

7. HOME NURSING.
First term.   1 point.
Saturday, 2.15–3.15.   Miss Stebbins.

HISTORY

[1–2. History of Europe from 375 to the Reformation.

The aim of this course is to study the three elements, Roman, Christian, and German, from which our present civilization is composed, and to follow the process by which they combined.

First and second terms.   4 points.
(Not given in 1915–1916.)   Assistant Professor Jones.]

3–4. History of Europe from the Reformation to 1870.

This course offers a general survey of the development of Western Europe, from the time of the Religious Wars until the Franco-Prussian War, and, like History 1, serves as an introduction to the further study of European History.   It will be given alternately with History 1.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Assistant Professor Jones.

5–6. Political and Constitutional History of the United States.

Prefaced by an account of the Colonial System and of the condition of the Colonies in the middle of the eighteenth century, this course extends from the outbreak of the French and Indian War through the Period of Reconstruction.   Its aim is to explain the origin and development of the Constitution and institutions of the United States.   A general survey of the field of American history is given.   Special attention is paid to the right perspective of events and their proper relation to the great movements of our history.   The course is designed to meet the needs of teachers of American history in secondary schools.   Textbook: Bassett's *A Short History of the United States*.   (Macmillan.)

First and second terms.   4 points.
Saturday, 9.15–11.15.   Professor Brown.

[7–8. Political and Constitutional History of England.

In this course an introductory survey will be given of the Roman occupation of Britain, of the conquest and unification of England by the Anglo-Saxons, and of the institutions which they developed.   The period from the Norman Conquest to 1688 will be treated chiefly from the standpoint of the development of the constitution of England.   The influence upon its growth

of foreign relations and of the antagonisms and alliances of the four great factors in the political life of the period—Crown, Church, Baronage and People—will be explained and emphasized. In the second half-year the political and constitutional history of England from 1688 to the death of Queen Victoria will be studied.

First and second terms. 4 points.
(Not given in 1915–1916.)]

11–12. RELATIONS OF THE UNITED STATES AND LATIN AMERICA.

This course deals with the political, cultural and economical relations of the United States and the Latin-American Republics. Among the topics treated are: Recognition of the Spanish-American republics; the Monroe Doctrine; the Venezuela question; interventions of the United States in Latin America; Cuba and the Spanish American War; the interoceanic canal; Pan-American Conferences; work of the Pan-American Union; Mexico and the United States; the Wilson doctrine; commerce; attitude of Latin America toward the United States.

First and second terms. 4 points.
Wednesday, 4.00–6.00. Mr. Hill.

[101–102. CRITICAL STUDY OF THE FRENCH REVOLUTION AND NAPOLEONIC ERA.

First and second terms. 4 points.
(Not given in 1915–1916.) Assistant Professor Jones.]

103–104. THE REVOLUTIONARY PERIOD IN AMERICAN HISTORY.

A study of the causes and course of the American Revolution and of its completion by the formation of a permanent government for the United States. The course will deal with the history of the destruction of the political and governmental relations with Great Britain, with the conduct of the Revolution, with the government of state and nation during its progress and with the adoption of the present constitution. Military events will be subordinated to political and constitutional. Lectures will be supplemented by parallel readings and by research on special topics.

First and second terms. 4 points.
Saturday, 11.15–1.15. Professor Brown.

[105–106. THE CIVIL WAR PERIOD IN AMERICAN HISTORY.   (Prerequisite:
     History 5 and 6.)

This course will deal with the causes and history of secession, with the
political and constitutional history of both Federal and Confederate govern-
ments during the war, and with the attempted solutions of the great problems
connected with reconstruction.   Lectures, reading and research on special
topics.

First and second terms.   4 points.
(Not given in 1915–1916.)   Professor Brown.]

[107–108. HISTORY OF THE RENAISSANCE AND OF THE REFORMATION IN
     EUROPE, FROM THE RISE OF ITALIAN HUMANISM TO THE CLOSE OF THE
     COUNCIL OF TRENT.

The course will cover in some detail the political, social, and religious
movements of the Italian Renaissance; it will trace the development of
those forces which combined in the Protestant Revolution of the sixteenth
century; and it will study the beginning of the Roman Catholic Reaction,
as expressed in the Inquisition, the Jesuit Order, and the Council of Trent.

First and second terms.   4 points.
(Not given in 1915–1916.)   Assistant Professor Jones.]

109–110.   THE HISTORY OF FRANCE UNTIL 1789.

First and second terms.   4 points.
(Not given in 1915–1916.)   Assistant Professor Jones.

111–112.   STUDIES IN MEDIAEVAL HISTORY.

The aim of this course will be to study in detail, with careful use of the
available sources, a few special fields in the history of Mediaeval Europe.
Particular attention will be given to historical bibliography.

First and second terms.   4 points.
Thursday, 4.00–6.00.   University Heights. Assistant Professor Jones.

113–114.   HISTORY OF GERMANY UNTIL 1870.   (Prerequisite: History 1–2.)

This course will cover in some detail the history of Germany from the
period of the migrations until 1870; the Frankish period, the conflict with
the Papacy, the Reformation, the period of the religious wars, the develop-
ment of the Prussian monarchy and the struggle for unity will all be treated.

First and second terms.   4 points.
Tuesday, 4.00–6.00.   Assistant Professor Jones.

Major: 1–2, 3–4, 5–6 (or 7–8), and any two additional courses.
Minor: 1–2 (or 3–4), 5–6 (or 7–8), and one additional course.

ITALIAN

1–2. ELEMENTARY COURSE.

The aim of this course is to give to the student a practical knowledge of the fundamentals of Italian grammar and a vocabulary sufficiently large to carry on conversation in Italian on subjects of everyday life. The student will also be trained to read simple Italian prose.

First and second terms.   4 points.
Monday, 4.00–6.00.   Assistant Professor Racca.

3–4. INTERMEDIATE COURSE. (Prerequisites: Italian 1–2, or a speaking knowledge of Italian.)

This course will aim to enlarge the vocabulary of the student and enable him to read understandingly the more difficult texts. The systematic study of Italian grammar and syntax will be undertaken. Frequent practice in conversation, reading, composition and letter-writing will be given throughout the year.

First and second terms.   4 points.
Tuesday, 4.00–6.00.   Assistant Professor Racca.

5–6. ADVANCED COURSE. (Prerequisites: Italian 1–2, 3–4, or a good knowledge of Italian.)

The aim of this course is to perfect the knowledge acquired in the preceding years and to give the student a complete mastery of the language; the exercises in conversation, composition, and syntax will be continued; different subjects, such as the literature, art, history, and social problems of Italy will be discussed in order to accustom the student to think and speak in Italian on a variety of subjects; critical studies of Italian authors will be made by the students under the direction of the instructor.

First and second terms.   4 points.
Wednesday, 4.00–6.00.   Assistant Professor Racca.

7–8. COMMERCIAL ITALIAN. (Prerequisites: Italian 1–2, 3–4, or a good knowledge of Italian.)

This course is planned to meet the requirements of those who desire a practical knowledge of modern Italian for business purposes. It will consist of talks and conversations on the economic life, commercial laws, customs, accounting, etc., of Italy, on her commercial relations with the rest of the world and especially with the United States and the other states of

America; of reading and writing of business letters and articles, booklets and advertisements, catalogs, market reports, etc., in Italian.

First and second terms.   4 points.
Friday, 7.45–9.45.   Assistant Professor Racca.

[101–102.   History of Italian Literature from its Beginnings to the Middle of the Eighteenth Century.   (Prerequisites: Italian 1–2, 3–4, 5–6 or Italian 1–2, 3–4, 7–8, or a thorough knowledge of Italian.)

First and second terms.   4 points.
(Not given in 1915–1916.)   Assistant Professor Racca.]

103–104.   History of Italian Literature from the Middle of the Eighteenth Century to the Present.   (Prerequisites as for Course 101–102.)

Lectures, readings from representative authors, and class discussions.

First and second terms.   4 points.
Thursday, 4.00–6.00.   Assistant Professor Racca.

105–106.   Dante Alighieri.   (Prerequisites as for Course 101–102.)

Study and interpretation of Dante's *Divina Commedia* and of its relation to the literary, philosophic, political, social and religious conditions at the end of the Middle Ages and the beginning of the "Rinascimento."

First and second terms.   4 points.
Friday, 5.30–7.15.   Assistant Professor Racca.

107–108.   Gabriele D'Annunzio.   (Prerequisites as for Course 101–102.)

Gabriele D'Annunzio's works in prose and poetry; their relation to the literary, artistic and social life of modern Italy; their contribution to the progress and perfection of the Italian language.

First and second terms.   4 points.
Friday, 3.45–5.30.   Assistant Professor Racca.

All these courses will be conducted, as far as practicable, in Italian.

Major: 1–2, 3–4, 5–6 (or 7–8), 101–102 (or 103–104), 105–106 (or 107–108).

Minor: 1–2, 3–4, 5–6 (or 7–8).

JOURNALISM

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College.

The Newspaper

1-2. NEWS WRITING.

The methods of writing news articles for the press are considered in lectures and discussions. A large amount of time is given to actual practice in writing the news stories based upon the assignments made in class.

First and second terms. 4 points.
Tuesday, 8.00–10.00 P. M. Assistant Professor Lee.
Thursday, 11.00–1.00.

3-4. NEWS REPORTING.

A practical course in the gathering of news. Students are assigned to cover news stories as nearly as practicable as in the city department of a daily paper.

Assignments are based on the actual news of the day. Police headquarters in Manhattan is regularly covered as well as other departments. A student taking News Writing and News Reporting should devote the entire evening to the work and should be ready in emergency to cover a story up to midnight or even later.

First and second terms. 4 points.
Tuesday, 5.00–8.00 P. M. Mr. Hughes.

5-6. CURRENT TOPICS.

This course gives a wide knowledge of contemporary events and the sources of information regarding them. It includes also an examination of their journalistic and editorial treatment by the leading New York dailies and weeklies, and an analysis, based upon this examination, of their importance as news and as events of more permanent significance.

First and second terms. 4 points.
Monday, 6.00–7.45 P. M. Assistant Professor Wilson.

7-8. NEWSPAPER PRACTICE.

Practical exercises are given in the various branches of newspaper work, including copy reading, headline writing, proofreading, the technique of type-composition and correction, and the final make-up of the press form.

First and second terms. 4 points.
Thursday, 7.45–9.45 P. M. Mr. Davis.

9–10. Newspaper Editing and Making.

The organization and methods of the modern newspaper and the work of the various departments are studied in detail.

First and second terms.   4 points.
Monday, 4.00–6.00 p. m.   Assistant Professor Lee.

11. Editorial Writing.

A study of the nature and kinds of editorial writing, with regular practice in writing editorials of varying lengths and kinds.

First term.   2 points.
Tuesday, 4.45–6.30 p. m.   Mr. Davis.

12. Literary and Dramatic Editing.

A laboratory course in book reviewing and criticism of drama.

Second term.   2 points.
Tuesday, 4.45–6.30 p. m.   Mr. Davis.

The Magazine

21–22. Magazine Writing and Special Feature Work.

This is distinctly a course in the practice of magazine writing. Lectures and discussions, however, will be held in which attention is paid to the various problems connected with writing for magazines, newspaper supplements, literary weeklies, etc. Short talks will be given by specialists.

First and second terms.   4 points.
Wednesday, 1.00–3.00.   Assistant Professor Wilson.

23–24. Advanced Magazine Writing.

This is a course in practical authorship open only to students who have taken course in Magazine Writing and Special Feature Work or who have had some experience in magazine work. Lectures will be given by prominent magazine editors and writers.

First and second terms.   4 points.
Thursday, 6.00–7.45 p. m.   Assistant Professor Wilson.

25–26. Short Stories.

This course aims to give instruction and practice in the art of writing fictitious narratives, especially short stories. Lectures deal with the history and technique of the short story, with various types of stories and with individual authors. The practical side of the work includes the writing of

constructive or critical exercises at each meeting of the class, and of at least five complete stories outside of class.

First and second terms. 4 points.
Wednesday, 4.45–6.45 p. m. Assistant Professor Wilson.

27–28. Magazine Editing and Making.

A study of the methods employed in modern magazine making and editing. The work of the classroom will be supplemented by talks from specialists in various departments of magazine making.

First and second terms. 4 points.
Friday, 6.00–7.45 p. m. Assistant Professor Lee.

29–30. Magazine Fiction.

This is a seminar course for advanced students who show exceptional promise. The course is designed to provide professional supervision of the student's work. It is a writing course for those who are making a serious attempt to write saleable short stories for the standard magazines. Prominent short story writers and magazine editors will meet with the class from time to time, to discuss constructive problems. The written permission of the instructor is required for entrance.

First and second terms. 8 points.
Tuesday, 6.00–7.45 p. m. Assistant Professor Wilson.

Supplementary Courses

41–42. History of Journalism.

A history of the ethics and principles of American journalism. Special attention will be given to original research. No technical knowledge of journalism is necessary for this course.

First and second terms. 4 points.
Tuesday, 11.00–1.00. Assistant Professor Lee.

43–44. Newspaper and Magazine Law.

A course of law designed especially for newspaper men. It will include the laws of copyright and libel.

First and second terms. 4 points.
Friday, 7.45–9.45 p. m. Dr. Gerdes.

45. MAGAZINE AND NEWSPAPER VERSE.

A brief history of verse including a study of the laws and principles of prosody. Special attention will be paid to verse of a lighter vein. Lectures and discussions will deal with the present market for verse and prices paid.

First term.   2 points.

Monday, 7.45–9.45.   Mr. Guiterman.

47–48. TRADE JOURNALISM.

First and second terms.   4 points.

Monday, 7.45–9.45.

Majors and **Minors:** Students should consult with the Director of the Department of Journalism before selecting their majors and minors.

LATIN

PRECOLLEGIATE LATIN

Only *one* of these courses will be given each year, according to demand. Students who have a sufficient preliminary knowledge will be given an opportunity, however, to combine two of the courses in one class.

1–2. BEGINNERS' LATIN (Jenner and Wilson, Cæsar's *First Campaign,* Appleton & Company).

First and second terms.   4 points.

Assistant Professor Riess.

3–4. CÆSAR'S GALLIC WAR (Riess and Janes, *Cæsar,* I and II and Sight Reading, American Book Company).

First and second terms.   4 points.

Assistant Professor Riess.

5–6. CICERO'S ORATIONS (D'Ooge's *Cicero,* Sanborn & Company).

First and second terms.   4 points.

Assistant Professor Riess.

7–8. VERGIL'S ÆNEID (Fairclough's *Æneid,* Sanborn & Company).

First and second terms.   4 points.

Assistant Professor Riess.

These courses will be given Saturdays. Hours to be arranged by agreement.

COLLEGIATE LATIN

9–10. *Either* Terence, Adelphoe and Phormio, *or* Livy, Books XXI, XXII.

First and second terms.   4 points.
Saturday, 9.00–11.00.   Assistant Professor Riess.

11–12. *Either* Horace, Satires and Epistles, *or* Tacitus, Agricola and Germania.

First and second terms.   4 points.
Saturday, 11.00–1.00.   Assistant Professor Riess.

13–14. History of Roman Literature, with readings from the authors in translation.   Open to students without knowledge of Latin.

First and second terms.   4 points.
Hours by arrangement.   Assistant Professor Riess.

In all courses, students will be required to hand in reports on assigned topics.   In the regular Latin courses, prose composition is also given.

LAW PREPARATORY

1–2. ELEMENTARY JURISPRUDENCE.

Robinson's Elementary Law is used as a text.   Outside reading in Blackstone, Kent, Langdell, Thayer and other writers is required.

First and second terms.   4 points.
Wednesday, 4.00–6.00.   Mr. De Witt.

[3–4. ELEMENTARY CONSTITUTIONAL LAW.

A careful study of the formation and the development of the American Constitutional system through legislation and judicial decisions.   Study of text-book.   Discussion of some cases.   Lectures.

First and second terms.   4 points.
(Not given in 1915–1916.)   Dr. Triplett.]

5–6 ELEMENTARY INTERNATIONAL LAW.

A study of the general principles of international law—the law of peace, the law of belligerency, and the law of neutrality—as developed by common usage and by positive agreement in the form of treaties and conventions. This will be done by the study and discussion of a text-book, by lectures, and by occasional reference to the important cases and treaties.

First and second terms.   4 points.
Tuesday, 4.00–6.00.   Dr. Triplett.

7–8.   ELEMENTARY ROMAN LAW.

This course traces briefly the historical development of the Roman Law and gives an outline of the fundamental principles of the Justinian Code. The influence of the Roman Law on the law of modern times is discussed. Morey's *Outlines of Roman Law* will be used as the basis for the course. Lectures and assigned reading.

First and second terms.   4 points.
Wednesday, 7.00–9.00.   Dr. Sprague.

[9–10.   CASE ANALYSIS.
(Not given in 1915–1916.)]

11–12.   WOMAN'S LAW CLASS.

The courses will include the general principles involved in the following topics, viz.: Elementary Jurisprudence, Contract, Sales, Agency, Wills, Negotiable Paper, Personal Property, Real Property, Mortgages, Torts, Evidence, Equity, Partnerships, Corporations, and Constitutional Law.

The class-room work will be devoted partially to practical questions, such as the drafting of Contracts, the proper execution of Wills and Deeds, the form and effect of Bills and Notes, Powers of Attorney and other instruments.

(This course is also given in the evenings of the same days at seven o'clock.)

November 10, 1915—March, 1916.   3 points.
Monday, Wednesday, and Friday at 11.30, or 7.00.   Dean Ashley.

Note: Students intending to enter the Law School may obtain a bulletin of that School by applying at the office of the Secretary on the tenth floor of the University Building at Washington Square.

MANAGEMENT

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of Washington Square College.   For full description of courses consult the bulletin of the School of Commerce.

1–2.   BUSINESS ORGANIZATION.
First and second terms.   4 points.
Thursday, 11.00–1.00   Associate Professor Galloway.
Thursday, 7.45–9.45

3–4.   SOCIAL ASPECTS OF BUSINESS MANAGEMENT.
First and second terms.   4 points.
Thursday, 6.00–7.45.   Dr. Gowin.

5. COST REDUCTION.
    First term.   2 points.
    Friday, 7.45–9.45.   Dr. Grimshaw.

6. SYSTEM AND ORGANIZATION IN COMMERCIAL BUSINESS.
    Second term.   2 points.
    Friday, 7.45–9.45.   Dr. Grimshaw.

11–12. PSYCHOLOGY OF BUSINESS.
    First and second terms.   4 points.
    Friday, 4.45–6.30.   Dr. Lough.

13–14. VOCATIONAL GUIDANCE.
    First and second terms.   4 points.
    Wednesday, 4.00–6.00.   Dr. Gowin.

21. OFFICE MANAGEMENT.
    First term.   2 points.
    Friday, 4.45–6.30.   Mr. Schulze.
    Friday, 7.45–9.45.

23–24. RETAIL STORE MANAGEMENT.
    First and second terms.   4 points.
    Friday, 7.45–9.45.   Dr. Gowin.

31. PRIVATE SECRETARIAL DUTIES.
    First term.   2 points.
    Monday, 7.45–9.45.   Mr. Kilduff.

34. PUBLIC SECRETARIAL DUTIES.
    Second term.   2 points.
    Friday, 7.45–9.45.   Mr. Swinney.

MATHEMATICS

1–2. ALGEBRA. (Prerequisite: Entrance Algebra.)
    First and second terms.   4 points.
    Saturday, 9.15–11.15.   Professor Edmondson.

3. SOLID GEOMETRY. (Prerequisite: Entrance Plane Geometry.)
    First term.   2 points.
    Friday, 4.00–6.00.   Assistant Professor Thorne.

4.   TRIGONOMETRY.   (Prerequisites: Entrance Algebra and Plane Geometry.)

Second term.   2 points.

Friday, 4.00–6.00.   Assistant Professor Thorne.

101–102.   CALCULUS.   (Prerequisite: Mathematics 5–6.)

First and second terms.   4 points.

Saturday, 11.15–1.15.   Professor Edmondson.

103–104.   ADVANCED DIFFERENTIAL CALCULUS.   (Prerequisite: Mathematics 7 and 8.)

First and second terms.   4 points.

Hours to be arranged.   Assistant Professor Thorne.

105–106.   HIGHER PLANE CURVES.   (Prerequisites: Mathematics 101–102, 103–104.)

First and second terms.   4 points.

Hours to be arranged.   Professor Edmondson.

Major: 5–6, 101–102, 103–104, 105–106, and one additional course to be arranged with the head of the department.

Minor: 5–6, 101–102, 103–104 (or 105–106).

METHODS OF TEACHING COMMERCIAL SUBJECTS

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance, are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1–2.   METHODS OF TEACHING BOOKKEEPING, OFFICE PRACTICE AND ACCOUNTING.

First and second terms.   4 points.

Wednesday, 7.45–9.45, or   Mr. Barber.

Saturday, 9.00–11.00.

3–4.   METHODS OF TEACHING BUSINESS ARITHMETIC, LAW AND COMMERCIAL GEOGRAPHY.

First and second terms.   4 points.

Wednesday, 4.45–6.30.   Mr. Barber.

25–26.   STENOGRAPHY.   (Isaac Pitman.)

Open to regular students, and to special students who are taking at least three other courses.

First and second terms.   4 points.

Saturday, 1.15–2.15 and 3.15–4.15.   Mr. Frank.

27–28. STENOGRAPHY. (Gregg.)

Open to regular students, and to special students who are taking at least three other courses.

First and second terms.   4 points.
Saturday, 1.15–2.15 and 3.15–4.15.

29. METHODS OF TEACHING STENOGRAPHY AND TYPEWRITING.
First term.   2 points.
Saturday, 2.15–3.15 and 4.15–5.15.   Mr. Frank.

30. METHODS OF TEACHING STENOGRAPHY. (Isaac Pitman.)
Second term.   2 points.
Saturday, 2.15–3.15 and 4.15–5.15.   Mr. Frank.

32. METHODS OF TEACHING STENOGRAPHY (Gregg.)
Second term.   2 points.
Saturday, 2.15–3.15 and 4.15–5.15.

MUSIC

The following courses given in the Extramural Division are open also to students of the Washington Square College.

1–2. SIGHT SINGING.
First and second terms.   2 points.
Saturday, 11.15–12.15.   Miss MacConnell.

3–4. TONE THINKING AND EAR TRAINING.
First and second terms.   2 points.
Saturday, 10.15–11.15.   Miss MacConnell.

5–6. ELEMENTARY HARMONY.
First and second terms.   2 points.
Saturday, 12.15–1.15.   Mr. Schwartz
                                                              .

7–8. RUDIMENTS OF MUSIC AND MELODY WRITING.
First and second terms.   2 points.
Saturday, 11.15–12.15.   Mr. Schwartz.

9–10. ADVANCED HARMONY.
First and second terms.   2 points.
Saturday, 10.15–11.15.   Mr. Schwartz.

11–12. Music Appreciation and History.

First and second terms.   2 points.
Saturday, 9.15–10.15.   Dr. Tapper.

13–14. Methods of Teaching Music in Elementary and Secondary Schools.

First and second terms.   2 points.
Friday, 3.45–4.45.   Miss MacConnell.

15–16. High School Music.

First and second terms.   2 points.
Friday, 4.45–5.45.   Miss MacConnell.

PHILOSOPHY

1–2. Outlines of Psychology.

An introduction to the systematic study of Psychology. The course will include a description of the nervous system, its structural and functional organization, and its significance as a physical basis for a study of mental phenomena. This will be followed by a careful study of the more important facts of normal mental life—attention, perception, memory, reasoning, emotion, volition, etc. Simple psychological experiments will be performed by the class during the year.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Professor Lough.

3–4. Elementary Logic.

An elementary course. A study of the outlines of inductive, deductive and organic thinking, with especial reference to the methods of discovery and proof, to probability and certainty, to fallacies, and to the unity of thought. The underlying aim of the course is to make logic of practical value to teachers and other students. The work will be based on a text (Creighton, *Introductory Logic*), readings, and class reports.

First and second terms.   2 points.
Tuesday, 3.45–4.45.   Professor Horne.
Saturday, 10.15–11.15.

5–6. Philosophy of Art.

A study of the beautiful from the standpoint of fine arts, and an examination of aesthetics in comparison with the other philosophical sciences.

First and second terms.   4 points.
Friday, 3.45–5.45.   Professor Shaw.

7–8. INTRODUCTION TO PHILOSOPHY.

This course is designed to serve as a general introducton to philosophical study. It seeks to develop critical reflection in regard to problems which are certain to arise in the mind, and to suggest their possible solutions. The discussions will be freed as much as possible from technicalities, and no preliminary training in philosophical study will be necessary.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Professor MacDougall.

9–10. ELEMENTARY PSYCHOLOGY.

First and second terms.   4 points.
Monday and Wednesday, 2.15–3.15.   Dr. Lough.

101–102. THE HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY.

A course of lectures on the development of ancient speculation, with readings from the writings of the leading thinkers. In addition to an analysis of classic philosophy in the light of antique culture, the course aims to distinguish between the spirit of Paganism and that of Christianity.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Professor Shaw.

103–104. HISTORY OF PHILOSOPHY.

The work of this course will include a study, first, of individual men and their contributions; and second, of the problems and general tendencies of the period. In both cases the development of philosophic thought will be considered in its relation to the history of human knowledge and ideals of life. Systematic reading will be prescribed in connection with the work.

First and second terms.   4 points.
Monday, 3.45–5.45.   Professor MacDougall.

[105–106. ADVANCED LOGIC.

First and second terms.   2 points.
(Not given in 1915–1916.)   Professor Horne.]

[107–108. ETHICS.

A philosophy of life from the standpoint of ethical theory. The course presents and criticizes both hedonism and rigorism, and attempts to develop a third theory in the form of humanism.

First and second terms.   4 points.
(Not given in 1915–1916.)   Professor Shaw.]

[109–110. Systematic Philosophy.

This course is pursued with a two-fold aim: to serve as an introduction to the general subject of philosophy; and to provide, for more advanced students, a systematic survey of the various forms of philosophic activity.

First and second terms.   4 points.
(Not given in 1915–1916.)   Professor Shaw.]

111–112. Psychology of Adolescence.

The work of this course will consist of two parts. In the first term the general features of mental development will be studied; in the second the phenomena of the adolescent period will be considered in detail. Selected literature will be read in connection with each part of the course.

First and second terms.   4 points.
Thursday, 3.45–5.45.   Professor MacDougall.

113–114. Descriptive Psychology.

This is a general course in normal human psychology. The conduct of the work, which is based on systematic reading, will depend largely on class discussions and include written themes.

First and second terms.   4 points.
Saturday, 9.15–11.15.   Professor MacDougall.

115–116. Laboratory Psychology.

The problems, methods, and results of experimental psychology are presented and subjected to critical examination. Students have an opportunity of becoming acquainted with the practical phases of experimentation through laboratory work.

First and second terms.   4 points.
Monday, 3.45–5.45.   Professor Lough

117–118. Philosophy of Religion.

A constructive study of the religious principles in mankind. This course asserts the independence of the religious precinct and endeavors to relate philosophy of religion to other forms of philosophical culture.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Professor Shaw.

Majors and Minors to be arranged.

PHYSICAL EDUCATION

The following course given in the Extramural Division is open also to students of the Washington Square College.

1–2. ADMINISTRATION OF PHYSICAL EDUCATION.

First and second terms. 2 points.
Saturday, 10.15–11.15. Mr. Harper.

PHYSICS

1–2. ELEMENTARY PHYSICS.

Lectures and the study of an elementary text-book.
First and second terms. 4 points.
Thursday, 4.00–6.00. Mr. Hobbie.

3–4. LABORATORY COURSE.

Laboratory exercises in general physics, for those who have taken, or are taking, either Physics 1–2 or Physics 5–6.

First and second terms. 4 points.
Saturday, 2.00–4.00. Mr. Hobbie.

5–6. GENERAL PHYSICS.

Lectures and study of an advanced text-book. A knowledge of elementary physics and of plane trigonometry will be assumed in this course. This course will not be given unless eight students enroll.
First and second terms. 4 points.
Tuesday, 4.00–6.00. Mr. Hunter.

101–102. GENERAL PHYSICS.

For graduates in science, and especially for teachers of physics who desire a more advanced knowledge of the entire subject. Treats chiefly of mechanics, properties of matter and heat, with some attention to sound, light and electricity.
First and second terms. 4 points.
Hours to be arranged. Professor Hering or Professor Arnold.

103–104. GENERAL PHYSICS.

Treats chiefly of magnetism and electricity, sound and light, with some attention to the properties of matter and heat. Full course.
First and second terms. 4 points.
Hours to be arranged. Professor Hering or Professor Arnold.

Arrangements for **majors** and **minors** may be made with the head of the department.

PHYSIOLOGY

1–2. Experimental Physiology. (Prerequisites: One year of Chemistry, Physics, and General Biology.)

This course, designed especially for teachers, will consist of 1 hour lecture and 3 hours' laboratory work per week throughout the year, covering such subjects as: The properties of surviving tissue; reactions of organisms to stimuli; properties of muscle and nerve; the muscle-nerve mechanism; the circulation and respiration; the central nervous system; the reaction time to sound, taste, smell and cutaneous sensations, and experiments on vision.

First and second terms.   4 points.
Saturday, 9.00–1.00.   Professor Ewing.

3–4. Physiology. (Prerequisite: One year of Chemistry, Physics, and general Biology.)

This course will consist of lectures, demonstrations, and recitations on the most important parts of the subject.

First and second terms.   4 points.
Two hours per week in the afternoon.   Professor Ewing.
Hours to be arranged.

101–102. Nutrition and Diet Selection. (Prerequisite: Physiology 1–2, or its equivalent.)

The course will cover the metabolism of the human body, as a basis for the proper selection of diets both in health and disease.

First and second term.   4 points.
Friday, 3.30–5.30.   Professor Jackson.

103–104. Advanced Physiology. (Prerequisite: Physiology 1–2.)

This course of 4 hours' laboratory work per week is designed to meet the needs of those students who desire to acquaint themselves with methods of physiological investigation. Experiments on either elected or assigned subjects will be performed by the students.

First and second terms.   4 points.
Hours to be arranged.   Professor Jackson.

Major: To be arranged with the head of the Department.
Minor: 1–2, 101–102, 103–104.

SOCIOLOGY

1-2. ELEMENTS OF SOCIOLOGY.

The fundamental principles underlying society; the various elements contributing to the progress and efficiency of society; and the different institutions of society. The purpose of this course is to serve as a basis for more advanced study in sociology.

First and second terms.   4 points.
Wednesday, 4.00-6.00.   Assistant Professor Binder.

3-4. SOCIAL PROBLEMS AND REFORM MOVEMENTS.

An introduction to the systematic study of sociology. The lectures will treat chiefly four topics during the first half-year. *The Family:* its importance for civilization, its organization and disruption. *The Drink Question:* its bearings upon the individual, the state, and society. *The Labor Question:* its urgency at the present time, its bearing upon employers and employees, and its possible solution in co-operation and profit-sharing. *The Question of Modern Charity:* organized and unorganized philanthropy; various ways of approaching poverty, delinquency, and degeneracy.

During the second half-year the important reform movements will be treated with the principles upon which they are based: (a) Woman and child labor; (b) Care of the unemployed; (c) Housing the working people; (d) Treatment of prisoners, and children's courts; (e) Women's rights; (f) Accidents in factories and on railroads; (g) Institutions of social reform.

First and second terms.   4 points.
Tuesday, 6.00-7.45.   Assistant Professor Binder.

11-12. SOCIAL ASPECTS OF BUSINESS AND PUBLIC AFFAIRS.

This course aims to give an interpretation of the rôle which business and public affairs play in the development of society. In working out this aim, the course is divided into six parts. Part one gives a brief description of the development of social personality, both from the historical and constructive points of view. Part two describes the means of this development, *e. g.* morality and sociality, work and property. Part three describes the various forms of property which are conducive to individual and social development. Part four treats of the rôle which business and public corporations play in this development, as influenced or determined by public opinion. Part five describes the rôle of the state in this development as illustrated in Germany, Great Britain, Australia and the United States.

Part six shows the necessity for educating the community in regard to proper use of leisure, and the rôle which private and public enterprise should play in supplying the needs for a higher individual and social development.

First and second terms.   4 points.
Wednesday, 1.00–3.00.   Assistant Professor Binder.

101–102. PRINCIPLES OF SOCIOLOGY.

The province of sociology; the elements, structure, forces, and control of society; the laws and causes of progress.

First and second terms.   4 points.
Saturday, 11.15–1.15.   Assistant Professor Binder.

[103–104. SOCIALISM.

(a) Forerunners of Socialism. The endeavor toward social amelioration of the sentimental, ethical, and revolutionary reformers, such as Saint Simon, Carlyle, Marx. (b) The Christian Socialists in Germany, England and America. (c) The modern development of Socialism in Europe and America as a political force. (d) The changing basis of Socialism from utopian to practical aims.

First and second terms.   4 points.
(Not given in 1915–1916.)   Assistant Professor Binder.]

105–106. ANTHROPOLOGY AND FOLKLORE.

Description of human races; their distribution over the globe; early human remains; types of languages and cultures. Primitive man, mental and physical; mythology, morality, religion, and art; castes and their functions; laws and customs; their origin and development. Special emphasis will be placed upon the psychological explanation of the great myths of the Greeks, Norsemen, and Finns, and students will be guided to these and other peoples who developed their philosophy through myths.

First and second terms.   4 points.
Friday, 4.00–6.00.   Assistant Professor Binder.

Major: 1–2, 3–4, 101–102, 103–104, 105–106.
Minor: 1–2, 3–4, and 101–102.

SPANISH

1–2. FIRST YEAR SPANISH.

The primary aim of this course is to enable the student to carry on a conversation in Spanish. To that end, careful attention will be paid to the usual phases of everyday life and the work of the course, as far as possible, will be conducted in Spanish from the beginning. The important verbs, regular and irregular, the proper use of tenses, and other fundamental points of grammar will receive careful attention. The course should prove especially valuable to students who work in offices where Spanish is used, to those who desire to enter offices in South American and other foreign countries, and to persons wishing to travel.

First and second terms.   ·   4 points.
Div. a, Friday 4.45–6.45; Div. b, Friday 7.45.–9.45.   Mr. Iturralde.
Div. c, First term, Thursday, 10.30–12.30.
Second term, Wednesday, 11.30–1.30.

3–4. SECOND YEAR SPANISH. (Prerequisites: Spanish 1 and 2 or a speaking knowledge equivalent to one year's work.)

In this course, one or two simple Spanish texts will be read as a basis for a continued study of grammar, but more especially as a basis for conversation in Spanish and for translation. Attention will be paid to letter-writing, particularly to the writing of commercial letters.

First and second terms.   4 points.
Div. a, Tuesday, 2.15–4.15; Div. b, Saturday, 1.30–3.30.   Mr. Iturralde.

5–6. THIRD YEAR SPANISH. (Prerequisites: Spanish 1–2, 3–4, or the equivalent of two years' work.)

This course is especially fitted for Spanish correspondents who wish to increase their ability to write correct and forceful Spanish. A thorough study will be made of the style of Spanish business letters and translations of a technical commercial nature. While this course is designed to be particularly helpful to commercial students, the needs of students who take the course for general cultural purposes will also be met.

First and second terms.   4 points.
Saturday, 4.00–6.00.

7–8. Modern Authors. (Prerequisites: Spanish 1–2, 3–4, or the equivalent.)

In connection with this course the life and works of representative modern Spanish authors will be studied. Among the writers whose works will be considered are: Valera, Nuñez de Arce, Campoamor, Galdós, and Valdés.

First and second terms. 4 points.
Saturday, 11.15–1.15. Mr. Iturralde.

9–10. History of Spanish Literature. (Prerequisites: Spanish 1, 2, 3 and 4, or the equivalent.)

The purpose of this course will be to familiarize the student with the broad outlines of Spanish literature. A careful study of the various literary movements will be made and selected list of readings will be offered but not required. The course is especially valuable to students majoring in English, French, or Italian.

First and second terms. 4 points.
Saturday, 9.15–11.15. Mr. Iturralde.

[11–12. The Spanish Novel of the Golden Age.

First and second terms. 4 points.
(Not given in 1915–1916. Will be given 1916–1917.) Mr. Iturralde.]

13. The Spanish-speaking Nations.

The aim of this course is to give an idea of the culture, history, customs, geography, racial characteristics, sources of wealth and institutions of all the countries of America where Spanish is spoken. These lectures will be given in English.

First term. 2 points.
Tuesday, 7.45–9.45. Mr. Iturralde.

14. Spain.

The object of this course is to show Spain in its most important phases of contemporary life, its treasures of art, the salient points of its literature and history and the character and customs of its people. This course will be given in English, and will be especially valuable to those who intend to travel in Spain.

Second term. 2 points.
Tuesday, 7.45–9.45. Mr. Iturralde.

Major: 3–4, 5–6, 7–8, 9–10, 11–12.
Minor: 3–4, 5–6, 7–8.

TRADE AND TRANSPORTATION

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1. RAILWAY FREIGHT TRAFFIC AND RATES.

First term. 2 points.
Tuesday, 7.45–9.45. Assistant Professor Kennedy.

4. EXPORT TRAFFIC AND OCEAN FREIGHT RATES.

Second term. 2 points.
Tuesday, 7.45–9.45. Assistant Professor Kennedy.

5. RAILWAY OPERATION AND MANAGEMENT.

First term. 2 points.
Monday, 6.00–7.45. Professor Clapp.

8. PORT AND TERMINAL PROBLEMS.

Second term. 2 points.
Monday, 6.00–7.45. Professor Clapp.

21–22. EUROPEAN TRADE AND INDUSTRY.

First and second terms. 4 points.
Wednesday, 7.45–9.45. Dr. Racca.

EXTRAMURAL COURSES GIVEN AT WASHINGTON SQUARE.

The following courses will be credited in the Washington Square College. For full description of courses, see the bulletin of the Extramural Division.

(CHEM. 1–2.) INORGANIC CHEMISTRY.

First and second terms. 4 points.
Tuesday, 7.30–9.30. Dr. Gettler.

(ENG. 1–2.) ENGLISH COMPOSITION AND RHETORIC.

First and second terms. 4 points.
Friday, 7.30–9.30. Mr. Andrews.

(ENG. 37–38.) HISTORY OF ENGLISH LITERATURE.

First and second terms. 4 points.
Wednesday, 7.45–9.45. Mr. Andrews.

(FRENCH 5–6.)   ADVANCED FRENCH.

First and second terms.   4 points.
Monday, 7.30–9.30.   Dr. Méras.

(ITAL. 1–2.)   ELEMENTARY ITALIAN.

First and second terms.   4 points.
Monday, 7.45–9.45.   Dr. Racca.

(ITAL. 5–6.)   ADVANCED ITALIAN.

First and second terms.   4 points.
Tuesday, 7.45–9.45.   Dr. Racca.

(MATH. 1–2.)   ADVANCED ALGEBRA.

First and second terms.   4 points.
Thursday, 7.30–9.30.   Mr. Becker.

(MATH. 3.)   SOLID GEOMETRY.

First term.   2 points.
Thursday, 7.00–9.00.   Mr. Pride.

(MATH. 4.)   TRIGONOMETRY.

Second term.   2 points.
Thursday, 7.00–9.00.   Mr. Pride.

(PHYSICS 1–2.)   ELEMENTARY PHYSICS.

First and second terms.   4 points.
Tuesday, 7.30–9.30.   Mr. Hunter.

ANALYTIC GEOMETRY.

First and second terms.   4 points.
Friday, 7.00–9.00.   Assistant Professor Thorne.

CONSTITUTIONAL HISTORY OF ENGLAND.

First and second terms.   4 points.
Thursday, 7.00–9.00.   Dr. Sprague.

RESOURCES AND COMMERCE OF LATIN AMERICA.

First and second terms.   4 points.
Wednesday, 7.30–9.30.   Mr. Hill.

RELIGION AND IRRELIGION.

First and second terms.   4 points.
Friday, 7.00–9.00.   Professor Shaw.

SCHEDULE OF LECTURES

MONDAY

9.00–11.00   Accounting 3–4—Accounting Practice.

11.00– 1.00   Advertising and Marketing 11–12—Markets and Marketing.
Finance 9—Public Finance.

11.30–12.30   Law Preparatory 11–12—Woman's Law Class.

2.15– 3.15   Philosophy 9–10—Elementary Psychology.

3.45– 4.45   Education 123–124—Education Classics (Mod. Naturalists).
Education 157–158—Method in School and Personal Hygiene.

3.45– 5.45   Education 133–134—Experimental Didactics.
Philosophy 103–104—History of Philosophy.
Philosophy 115–116—Laboratory Psychology.

4.00– 6.00   Economics 109–110—Economic Aspects of War.
English 109–110—Anglo-Saxon.
Geology 19–20—Elementary Historical Geology.
Italian 1–2—Elementary.
Journalism 9–10—Newspaper Editing and Making.

4.15– 6.15   German 15–16—Lyric Poetry.

4.45– 5.45   Education 51–52—Psycho-Analysis (Elementary).
Education 139–140—Principles of Physical Training.

4.45– 6.30   Accounting 3–4—Accounting Practice.
English 11–12—Business English.

6.00– 7.45   Accounting 9–10—Fiduciary Accounting.
Advertisement and Marketing 15–16—Advertising Display.
Commercial Law 1–2—Contracts and Agency.
Finance 5—Banking Practice.
Finance 6—Foreign Banking Practice.
Finance 38—Stock Exchange and Speculation.
Government 5–6—Legal and Political Aspects of Industrial
History.
Government 35–36—Principles and Practice of Administra-
tion.
Journalism 5–6—Current Topics.
Trade and Transportation 5—Railway Operation and Man-
agement.
Trade and Transportation 8—Port and Terminal Problems.

7.45– 9.45   Accounting 1–2—Principles of Accounting.
Accounting 3–4—Accounting Practice.

MONDAY (*continued*)

7.45– 9.45 (*continued*)

        Accounting 7–8—Auditing and Auditing Practice.

        Advertising and Marketing 91—Printing of Advertisements.

        Advertising and Marketing 20—Layouts.

        Commercial Law 9—Business Law and Practices of Spanish America.

        English 18—Advertising, Business Correspondence.

        English 35–36—Argumentation and Public Speaking.

        Finance 35—Bond and Brokerage Houses.

        Finance 36—Stock Brokerage.

        Government 101–102—Public Affairs of City of New York.

        Italian 1–2—Elementary Italian.

        Journalism 45—Magazine and Newspaper Verse.

        Journalism 47–48—Trade Journalism.

        Management 31—Private Secretarial Duties.

8.00– 9.00 Law Preparatory 11–12—Woman's Law Class.

TUESDAY

9.00–11.00 Accounting 13–14—Advanced Problems.

        Accounting 17–18—Theory of Accounting.

        Commercial Law 1–2—Contracts, Agency.

11.00– 1.00 Finance 1–2—Elements.

        Journalism 41–42—History of Journalism.

2.15– 4.15 Spanish 3–4—Second Year Course (Div. a).

3.45– 4.45 Education 151–152—Methods of Teaching History in Elementary Schools.

        Education 153–154—Methods of Teaching English in the Elementary Schools.

        Education of Defectives 25–26—Organization and Supervision of Schools for Defectives.

        Education of Defectives 41–42—Standards for Measuring.

        Philosophy 3–4—Elementary Logic.

3.45– 5.45 Education 137–138—Mental and Moral Delinquents.

        Education 163–164—Methods of Teaching English in High Schools.

4.00– 5.00 Education of Defectives 31–32—Speech Defects.

4.00– 6.00 Chemistry 5–6—Organic Chemistry.

        English 41–42—Contemporary Drama.

        Geography 1—Geography of Land.

        Geography 2—Geography of Ocean.

Tuesday (*continued*)

4.00– 6.00 (*continued*)

Government 101–102—Public Affairs of the City of New York.

History 113–114—History of Germany until 1870.

Italian 3–4—Intermediate.

Law Preparatory 5–6—Elementary International Law.

Physics 5–6—General Physics.

4.15– 5.15 Education 37–38—Primary Kindergarten Education.

4.15– 6.15 German 101–102—"Sturm und Drang" Period.

4.45– 5.45 Education 127–128—Teacher's Philosophy of Life.

Education of Defectives 23–24—Organization and Management of Special Classes.

4.45– 6.30 Accounting 1–2—Principles of Accounting. (Women.)

Accounting 13–14—Advanced Problems.

Advertising and Marketing 29–30—Sales Correspondence.

Economics 1—Political Economy.

Economics 2—Economic Problems.

Government 109–110—International Law.

Journalism 11—Editorial Writing.

Journalism 12—Literary and Dramatic Editing.

5.00– 6.00 Education of Defectives 29–30—Phonetics.

5.00– 8.00 Journalism 3–4—News Reporting.

6.00– 7.45 Accounting 1–2—Principles of Accounting.

Accounting 17–18—Theory of Accounting.

Advertising and Marketing 13–14—Psychology of Advertising.

Economics 107–108—Economic Statistics.

Finance 21—Railway Finance.

Finance 22—Public Utilities Finance.

Finance 45–46—Real Estate.

French 9–10—Second Year Commercial French.

German 7–8—Third Commercial German.

Government 113–114—Governments of Europe.

Journalism 29–30—Magazine Fiction.

Sociology 3–4—Social Problems and Reforms.

7.00– 9.00 Education 45–46—Wood Work for Teachers in Elementary Schools.

7.30– 9.30 Chemistry 1–2—Inorganic Chemistry.

Physics 1–2—Elementary Physics.

TUESDAY (*continued*)

7.45– 9.45   Accounting 1–2—Principles of Accounting.
Accounting 13–14—Advanced Problems.
Advertising and Marketing 5–6—Advertising Copy.
Economics 15–16—Women in Industry.
English 11–12—Business English.
Finance 3—Money and Credit.
Finance 4—Theory and History of Banking.
Finance 48—Credits and Collections.
French 7–8—First Year Commercial French.
Government 1–2—American Government.
Government 116—Municipal Finance.
Italian 5–6—Advanced Italian.
Spanish 13—Spanish Speaking Nations.
Spanish 14—Spain.
Trade and Transportation 1—Railway Freight Traffic and Rates.
Trade and Transportation 4—Export Traffic and Ocean Rates.

8.00–10.00   Journalism 1–2—News Writing.

9.00–11.00   Accounting 13–14—Advanced Problems.
Accounting 17–18—Theory of Accounting.

WEDNESDAY

9.00–11.00   Accounting 5–6—Cost Accounting.
English 11–12—Business English.

11.00– 1.00   Advertising and Marketing 31—Salesmanship.

11.30–12.30   Law Preparatory 11–12—Woman's Law Class.

1.00– 3.00   Sociology 11–12—Social Aspects of Business and Public Affairs.
Journalism 21–22—Magazine Writing and Special Feature Work.

2.00– 4.00   Advertising and Marketing 5–6—Advertising Copy.

2.15– 3.15   Philosophy 9–10—Elementary Psychology.

3.45– 4.45   Education 53–54—Social Hygiene.
Education of Defectives 19–20—Method of Teaching Defectives.

3.45– 5.15   Education of Defectives 9–10—Diagnosis of Backward Children.
Education 113–114—Education Psychology.

4.00– 6.00   Chemistry 1–2—General Chemistry (Lect.).
Economics 101–102—History of Economic Thought.
French 1–2—Elementary (Div. a).

WEDNESDAY (*continued*)

4.00– 6.00 (*continued*)

Geography 3–4—Physiography of North America.
Government 1–2—American Government.
History 11–12—Relations of United States and Latin America.
Italian 5–6—Advanced Course.
Law Preparatory 1–2—Elementary Jurisprudence.
Sociology 1–2—Elements of Sociology.
Management 13–14—Vocational Guidance.

4.15– 6.15 German 23–24—Modern Short Story.
German 105–106—Old High German.

4.45– 5.45 Education 103–104—General Method.
Education of Defectives 17–18—Method of Teaching Backward Children.

4.45– 6.30 Method in Commercial Subjects 3–4—Methods of Teaching Business Arithmetic, Law, and Commercial Geography.
Accounting 1–2—Principles of Accounting.
Accounting 5–6—Cost Accounting.
Accounting 25–26—Institutional Accounting.
Commercial Law 5—Laws of Banks.
Commercial Law 6—Partnerships and Corporations.
Journalism 25–26—Short Story.
Methods in Commercial Subjects 3–4—Methods of Teaching Business Arithmetic, Law and Commercial Geography.

6.00– 7.45 Accounting 3–4—Accounting Practice.
Advertising and Marketing 27–28—Advertising Media.
Advertising and Marketing 37–38—Mail Order Practice.
Finance 1–2—Elements.
Government 21–22—Municipal Government.

7.00– 9.00 Government 107–108—American Diplomacy and Foreign Policy.
Law Preparatory 7–8—Elementary Roman Law.

7.30– 9.30 RESOURCES AND COMMERCE OF LATIN AMERICA.
First and second terms.
Wednesday, 7.30–9.30.

7.45– 9.45 Accounting 5–6—Cost Accounting.
Advertising and Marketing 17—Advanced Copy Writing.
Advertising and Marketing 18—Advanced Display.
Advertising and Marketing 31—Salesmanship.
Advertising and Marketing 34—Sales Management.

WEDNESDAY (*continued*)

7.45– 9.45 (*continued*)

        Commercial Law 5—Laws of Banks.
        Commercial Law 6—Partnerships and Corporations.
        Economics 1—Political Economy.
        Economics 2—Economic Problems.
        English 37–38—History of English Literature.
        Finance 41—Insurance Law and Practice.
        Finance 42—Principles of Insurance.
        Finance 48—Credits and Collections.
        Geography 17—Commercial Geography of Europe.
        Geography 18—Commercial Geography of Pan-America.
        German 3–4—First Year Commercial German.
        Government 111–112—Municipal Administration.
        Methods in Commercial Subjects 1–2—Teaching Bookkeeping,
           Office Practice and Accounting.
        Trade and Transportation 21–22—European Trade and
           Industry.

8.00– 9.00 Law Preparatory 11–12—Woman's Law Class.

THURSDAY

10.30–12.30 Spanish 1–2—First Year Course (Div. c).

11.00– 1.00 Finance 48—Credits and Collections.
        Journalism 1–2—News Writing.
        Management 1–2—Business Organization.

2.00– 4.00 Finance 1–2—Elements of Private Finance.

3.45– 4.45 Education of Defectives 21–22—Treatment of Delinquents.

3.45– 5.15 Education of Defectives 9–10—Diagnosis of Backward
        Children.

3.45– 5.45 Education 161–162—Principles of Secondary Education.
        Philosophy 111–112—Psychology of Adolescence.

4.00– 6.00 Advertising and Marketing 1–2—Essentials of Advertising.
        Chemistry 3—Inorganic Experimentation.
        Chemistry 4—Qualitative Analysis.
        Economics 105–106—Economic Theory.
        English 33–34—Oral Composition.
        French 3–4—Intermediate.
        Geology 13–14—Mineral Resources.
        History 111–112—Studies in Mediaeval History.
        Italian 103–104—History of Italian Literature.
        Physics 1–2—Elementary Physics.

THURSDAY (*continued*)

4.45– 5.45   Education 31–32—Methods of Teaching Children how to
             Study.
             Education 33–34—Methods in Arithmetic and Reading.
             Education 105–106—School and Class Management.

4.45– 6.30   Commercial Law 3—Sales, Shipments.
             Commercial Law 4—Bankruptcy.
             Finance 1–2—Elements.
             Government 49–50—Social Legislation.

5.00– 6.00   Geology 101–102—Historical Geology and Physiography.

6.00– 7.45   Accounting 5–6—Cost Accounting.
             Accounting 20—Municipal Accounting.
             Accounting 21–22—Public Utilities Accounting.
             Advertising and Marketing 1–2—Essentials of Advertising.
             Advertising and Marketing 25–26—Economics of Advertising.
             English 11–12—Business English.
             Finance 33–34—Security Investments.
             Finance 43–44—Fire Insurance.
             German 5–6—Second Year Commercial German.
             Government 103–104—Relation of Government to Business.
             Journalism 23–24—Advanced Magazine Writing.
             Management 3–4—Social Aspects of Business Management.

7.00– 9.00   Mathematics 3—Solid Geometry.
             Mathematics 4—Trigonometry.
             Constitutional History of England.

7.30– 9.30   Mathematics 1–2—Advanced Algebra.

7.45– 9.45   Accounting 15–16—Accounting Systems.
             Advertising and Marketing 29–30—Sales, Correspondence.
             Commercial Law 3—Sales, Shipments.
             Commercial Law 4—Bankruptcy.
             English 11–12—Business English.
             Finance 1–2—Elements.
             Finance 24—Panics and Depressions.
             Geography 7–8—Principles of Economic Geography.
             German 5–6—Second Year Commercial German.
             Government 47–48—Welfare Work for Immigrants.
             Journalism 7–8—Newspaper Practice.
             Management 1–2—Business Organization.

Friday

9.00–11.00   Commercial Law 3—Sales, Shipments.
              Commercial Law 4—Bankruptcy.

10.00–11.00   Economics 1—Political Economy.
              Economics 2—Economic Problems.

11.00– 1.00   Finance 3—Money and Credit.
              Finance 4—Theory and History of Banking.
              Finance 45–46—Real Estate.

11.30–12.30   Law Preparatory 11–12—Woman's Law Class.

 3.30– 5.30   Physiology 101–102—Nutrition and Diet Selection.

 3.45– 4.45   Education 167–168—Methods of Teaching Modern Languages.
              Music 13–14—Method of Teaching Music in Elem. Schools.

 3.45– 5.45   Education of Defectives 1–2—Anatomy and Physiology.
              Education of Defectives 33–34—Industrial Education for
                  Defectives.
              Italian 107–108—Gabriele D'Annunzio.
              Philosophy 5–6—Philosophy of Art.

 4.00– 6.00   Chemistry 3—Inorganic Experimentation.
              Chemistry 4—Qualitative Analysis.
              Education of Defectives 5–6—Medical Clinic.
              English 39–40—19th Century Poetry.
              French 15–16—French Tragedy.
              Geography 111–112—Seminar in Economic Geography.
              Greek 101–102—Homer.
              Mathematics 3—Solid Geometry.
              Mathematics 4—Trigonometry.
              Sociology 105–106—Anthropology and Folklore.

 4.45– 5.45   Music 15–16—High School Music.

 4.45– 6.30   Commercial Law 1–2—Contracts and Agency.
              Management 11–12—Business Psychology.
              Management 21—Office Management.
              Spanish 1–2—First Year Course.

 5.00– 6.00   Government 105–106—University Forum.

 5.30– 7.15   Italian 105–106—Dante Alighieri.

 6.00– 7.45   Accounting 12—Investment Accounting.
              Economics 1—Political Economy.
              Economics 2—Economic Problems.

FRIDAY (*continued*)

6.00– 7.45 (*continued*)
Finance 8—Foreign Exchange.
Government 3–4—Principles of Politics.
Journalism 27–28—Magazine Editing and Making.

7.00– 9.00 Education of Defectives 27–28—Methods of Teaching
Manual Arts.
Analytic Geometry.
Religion and Irreligion.

7.15– 9.15 Education of Defectives 33–34—Industrial Education of
Defectives.

7.30– 9.30 Education 43–44—Method of Teaching Vocational Subjects.
English 1–2—English Composition and Rhetoric.

7.45– 9.45 Accounting 17–18—Theory of Accounting.
Accounting 23–24—Foreign Exchange Accounting.
Advertising and Marketing 23–24—Advertising Campaigns.
Advertising and Marketing 35—Export Selling Methods.
Commercial Law 1–2—Contracts, Agency.
Economics 11–12—Elements of Statistical Methods.
Italian 7–8—Commercial Italian.
Journalism 43–44—Newspaper and Magazine Law.
Management 5—Cost Reduction.
Management 6—System and Organization.
Management 21—Office Management.
Management 23–24—Retail Store Management.
Management 34—Public Secretarial Duties.
Spanish 1–2—First Year Course.

8.00– 9.00 Law Preparatory 11–12—Woman's Law Class.

SATURDAY

9.00–11.00 Latin 9–10—Terence or Livy.
Methods in Commercial Subjects 1–2—Method of Teaching
Bookkeeping, Office Practice and Accounting.

9.00– 1.00 Physiology 1–2—Experimental Physiology.
9.15–10.15 Education 155–156—Method of Teaching Science in Elemen-
tary Schools.
Greek 109–110—Greek Literature.
Music 11–12—Music Appreciation and History.

9.15–11.15 Biology 3–4—Principles of Organic Evolution.
Domestic Art 1–2—Basketry and Chair Caning.

SATURDAY (*continued*)

    9.15–11.15 (*continued*)

        Education 35–36—Methods in Reading and Oral Presentation.

        Education 39–40—Methods of Teaching Commercial Subjects.

        Education 101–102—Principles of Education.

        English 31–32—English Composition.

        Education of Defectives 37–38—Wood Work for Teachers of Defectives.

        French 5–6—Advanced Course.

        French 11–12—French Literature.

        Geology 5–6—General Geology.

        German 1–2—Beginner's Course.

        German 21–22—Modern Novel.

        History 5–6—Political and Constitutional History of United States.

        Mathematics 1–2—Algebra.

        Philosophy 101–102—History of Ancient and Mediaeval Philosophy.

        Philosophy 113–114—Descriptive Psychology.

        Spanish 9–10—History of Spanish Literature.

  9.15–12.15   Domestic Art 5–6—Hand Sewing and Garment Making.

        Domestic Art 7–8—Dressmaking.

        Home Economics 1–2—Elementary Course.

        Home Economics 3–4—Advanced Course.

10.15–11.15   Education 129–130—Moral Education.

        Education of Defectives 11—Administration of Physical Education.

        Greek 111–112—Greek History.

        Music 3–4—Tone Thinking and Ear Training.

        Music 9–10—Advanced Harmony.

        Philosophy 3–4—Elementary Logic.

        Physical Education 1–2—Administration of Physical Education.

11.00– 1.00   Accounting 1–2—Principles of Accounting.

        College Latin 11–12—Horace, Satires and Epistles.

11.15–12.15   Domestic Art 3–4—Primary Construction Work.

        Education of Defectives 9–10—Diagnosis of Backward Children.

        Greek 105–106—Greek Philosophy.

        Music 1–2—Sight Singing.

        Music 7–8—Rudiments of Music and Melody Writing.

SATURDAY (*continued*)

11.15– 1.15 Biology 1–2—General Principles of Zoölogy.
Domestic Art 3–4—Primary Construction Work.
Education 21—Educational Hygiene.
Education 107–108—History of Education.
Education 165–166—Methods in High School Mathematics.
Education of Defectives 3–4—Medical Clinic (Introductory Course).
Education of Defectives 13—Physical Education.
Education of Defectives 14—Plays, Games and Physical Exercise.
Education of Defectives 15—Methods of Teaching with Special Reference to Mental Defects.
Education of Defectives 35–36—Wood Work for Teachers of Defective Children (Elementary).
Education of Defectives 39–40—Household Science.
English 37–38—History of English Literature.
English 43–44—Types of Fiction.
French 3–4—Intermediate.
French 13–14—Nineteenth Century Authors.
German 13–14—Narrative Prose.
History 3–4—Europe from Reformation.
History 103–104—Revolutionary Period in America.
Mathematics 101–102—Calculus.
Philosophy 1–2—Outlines of Psychology.
Philosophy 7–8—Introduction to Philosophy.
Philosophy 117–118—Philosophy of Religion.
Sociology 101–102—Principles of Sociology.
Spanish 7–8—Modern Authors.

12.15– 1.15 Education of Defectives 7–8—Psychology of Defects.
Greek 107–108—Greek Art.
Music 5–6—Elementary Harmony.

12.30– 1.30 Domestic Art 9–10—Methods of Teaching Domestic Art.

1.15– 2.15 Home Economics 5–6—Elementary Bacteriology and Household Hygiene.
Methods of Teaching Commercial Subjects 25–26—Stenography (Pitman).
Methods of Teaching Commercial Subjects 27–28—Stenography (Gregg).

SATURDAY (*continued*)

1.15– 3.15   English 35–36—Argumentation and Public Speaking.

1.30– 3.30   Spanish 3–4—Second Year Course (Section b).

2.00– 3.00   Domestic Art 11–12—Advanced Method of Teaching and
             Instruction in Fibres and Textiles.

2.00– 4.00   Commercial Law 10–11—Popular Law.
             French 1–2—Elementary (Section b).
             Geology 11–12—Mineralogy.
             Physics 3–4—Laboratory Course.

2.15– 3.15   Education 141–142—Principles of Vocational Education.
             Home Economics 7—Home Nursing.
             Methods of Teaching in Commercial Subjects 29—Methods in
             Stenography and Typewriting.
             Methods of Teaching Commercial Subjects 30—Methods in
             Stenography (Pitman).
             Methods of Teaching Commercial Subjects 32—Methods in
             Stenography (Gregg).

3.15– 4.15   Education 143–144—Organization and Management of Voca-
             tional Schools.
             Methods of Teaching Commercial Subjects 25–26—Stenogra-
             phy (Pitman).
             Methods of Teaching Commercial Subjects 27–28—Stenogra-
             phy (Gregg).

4.00– 6.00   Spanish 5–6—Third Year Course.

4.15– 5.15   Methods of Teaching Commercial Subjects 29—Methods in
             Stenography and Typewriting.
             Methods of Teaching Commercial Subjects 30—Methods in
             Stenography (Pitman).
             Methods in Teaching Commercial Subjects 32—Methods in
             Stenography (Gregg).